

## Notes on the *Insecta* in the Collection of the Cesa *Lepidoptera* of Turkey-I<sup>1</sup>

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**Abstract:** Notes on the *Insecta* in the Collection of the Cesa *Lepidoptera* of Turkey-I. *Cesa News* 66: 1-37.

The present paper deals with some results on the faunistical activities of the Cesa. The authors list some of the lepidopteran specimens from 22 provinces of Turkey of the Cesa Collection, comprising various insect groups from Turkey, as well as from abroad, Balkans, East and South Africa, Middle East, Central Asia, and South East Asia, incl. The Philippines. The present list contains the selected specimens of the following 15 families of the butterflies and moths, collected or observed between 1998 and 2009 from various provinces of Turkey: *Adelidae*, *Arctiidae*, *Argynnidae*, *Brahmaeidae*, *Cimeliidae*, *Cossidae*, *Coleophoridae*, *Ctenuchidae*, *Drepanidae*, *Ethmiidae*, *Geometridae*, *Hesperiidae*, *Lasiocampidae*, *Libytheidae*, and *Lycaenidae*. The collecting information is composed of the number of the collected specimens, code of Turkish provinces, name of districts, localities with altitudes, date of collecting, names of the collectors or observers, and short notes of the collecting, the habitat or feeding biology of the specimens.

**Key words:** *Lepidoptera*, *Adelidae*, *Arctiidae*, *Argynnidae*, *Brahmaeidae*, *Cimeliidae*, *Cossidae*, *Coleophoridae*, *Ctenuchidae*, *Drepanidae*, *Ethmiidae*, *Geometridae*, *Hesperiidae*, *Lasiocampidae*, *Libytheidae*, *Lycaenidae*, fauna, Turkey.

<sup>1</sup> The manuscript was partly prepared before Van earthquake swarm on 23 October 2011. The serious aftershocks are very frequent, and new fault movements occur in the Van Lake Basin. In six weeks, the swarm produced in the area more than 5000 quakes of various magnitudes. The current swarm is apparently due to the fault movement, not volcanism. Inevitably, the continuing researches of the Cesa are realized in the private Mobile Laboratory of the Cesa. On the other hand, the University in Van city is still closed completely to all level of education, research facilities, and accommodation. Only limited official activities are realized in prefabricated containers and tents.

The Cesa (Centre for Entomological Studies Ankara) was established and announced in 1981. As a part of the Cesa info-system<sup>2</sup>, the Cesa Collection was registered internationally in 2010.<sup>3</sup> In the present series of the faunistical papers, the authors list some of the lepidopteran specimens from totally 22 provinces of Turkey of the Cesa Collection (see also Appendix, page 37). The vast collection of the Cesa<sup>4</sup> comprises various insect groups from Turkey, as well as from abroad (Balkans, East and South Africa, Middle East, Central Asia, and South East Asia, incl. The Philippines). As faunistical activities of the Cesa, the present list comprises the selected specimens of the following 15 families of the butterflies and moths, collected or observed between 1998 and 2009 from various provinces of Turkey (in alphabetical order): *Adelidae*, *Arctiidae*, *Argynnidae*, *Brahmaeidae*, *Cimeliidae*, *Cossidae*, *Coleophoridae*, *Ctenuchidae*, *Drepanidae*, *Ethmiidae*, *Geometridae*, *Hesperiidae*, *Lasiocampidae*, *Libytheidae*, and *Lycaenidae*. The collecting information is composed of the number of the collected specimens, code of Turkish provinces, name of districts, localities with altitudes, date of collecting, names of the collectors or observers, and short notes of the collecting, the habitat or feeding biology of the specimens. All the specimens identified by the authors. The list of the species given below is an original extract of the database files of the collection prepared and maintained by the authors.

## Butterflies

### Argynnidae

***Aglais urticae turcica* 1♂ 06:** Çubuk: Aydos Dağı: Deremhisar, 1650m. 16 05 1999, A.Koçak & M.Kemal leg. - **13:** Tatvan: Nemrut Krateri, İlkgöl, 2280m, 09 06 2007, H.Özkol obs. - larvae **30:** Şemdinli: Haruna geçidi, 1900m. 19 05 2003, M.Kemal leg. *Larvae feed on Urtica sp.* - 1♂ **44:** Darende: Darende 40km SE, 1800m, 27 05 2007, M.Kemal leg. - 1♀ **49:** Solhan: Buğlan geçidi E, 1650m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus-Vicia community.* - 1♀ **65:** Gevaş: Malumkişiler geçidi, 2700m. 02 08 2002, A.Koçak, H.Özkol & L.Kayci leg. - 1♂ **65:** Çatak: Onağlı kavşağı, 2000m. 01 04 2001, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Çatak 7km S., 1530m. 26 05 2001, M.Kemal & A.Koçak leg.

***Argynnis (Fabriciana) niobe* 2♂ 06:** Ayaş: Ayaş Dağları, Mülk, 1060-1250m, 30 05 2007, M.Kemal & A.Koçak leg. *Butterflies sip nectar of Vicia cracca.* - 1♀ **06:** Ayaş: Atderesi, 1100m. 15 05 1999, A.Koçak & M.Kemal leg. - 3♂ **06:** Kızılıcahamam: Soğuksu, 1000-1300m 29 05 1999, M.Kemal & B.Koçak leg. - 6♂ 1♀ **06:** Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 4♂ **06:** Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg. - 1♀ **06:** Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.Koçak & M.Kemal leg. - 2♂ **12:** Yolçatu: Kuruca geçidi E (Yolçatu) 1700m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland openings.* - 1♂ **13:** Bitlis: Bitlis 10km SW, 1400m. 12 06 2002, M.Kemal & A.Koçak leg. - 1♂ **13:** Tatvan: Tatvan 30km E, 1800m. 25 06 2001, A.Koçak & M.Kemal leg. - 1♂ **38:** Develi: Erciyas Dağı, 1700m, 06 06 2006, M.Kemal & A.Koçak leg. - 2♂ **46:** Göksun: Tekir N., Kurucaova, 1350m, 06 06 2006, M.Kemal & A.Koçak leg. - **46:** Göksun: B.Çamurlu-Yoğunoluk kavşağı, 1570m, 01 06 2007, M.Kemal & A.Koçak obs. - 1♂ **49:** Solhan: Buğlan geçidi E, 1650m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus-Vicia community.* - **65:** Gevaş: İnköy 4km E., 1860m. 02 06 2001, M.Kemal & A.Koçak obs. - 1♂ **65:** Çatak: Çatak 3km S., 1540m. 26 05 2001, M.Kemal & A.Koçak leg. - 8♂ 1♀ **65:** Çatak: Amata vadisi, 1550m. 09 06 2001, M.Kemal & A.Koçak leg. - 1♀ **65:** Çatak: Şehzade Pinarı, 1350m. 13 07 2001, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Gölgepinar, 1500m. 13 06 2002, M.Kemal & A.Koçak leg. - 3♂ **65:** Çatak: Gölgepinar, 1500m. 15 06 2002, M.Kemal & A.Koçak leg. - 2♂ **65:** Çatak: Saklıvadi, 2050m. 15 06 2002, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Şehzade Pinarı, 1400m. 15 06 2002, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Büyükağaç, 1400m. 19 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in the openings of Quercus-Paliurus woodlands.* - 3♂ **65:** Çatak: Gölgepinar, 1400m. 19 06 2002, M.Kemal & A.Koçak leg. - 2♂ **65:** Çatak: Amata vadisi, 1600m. 07 06 2003, M.Kemal & A.Koçak leg.

***Argynnis (Pandoriana) pandora* 06:** Ayaş: Ayaş Dağları, Mülk, 1060m, 30 05 2007, M.Kemal obs. - 2♀ **06:** Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - a male observed **06:** Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.Koçak & M.Kemal obs. - **12:** Yolçatu:

<sup>2</sup> <http://www.cesa-tr.org/Infos.htm>

<sup>3</sup> [urn:lsid:biocol.org:col:35261](http://urn.isid:biocol.org:col:35261) by the Biodiversity Collections Index by the Royal Botanic Garden Edinburgh, England.

<sup>4</sup> Estimated number is around 400.000 specimens. Due to last Van earthquake, unfortunately, some of the lepidopterous insects collected by us from various regions of Turkey, including some paratypes were destroyed. For that reason, the majority of the collection has been moved from Van to Ankara in a temporary but safe place. The movement of the collection has not been completed yet.

Kuruca geçidi E (Yolçatı) 1700m. 30 06 2002, M.Kemal & A.Koçak obs. *Species inhabits in Quercus woodland openings.* - 1♂ 13: Bitlis: Bitlis 10km SW, 1400m. 12 06 2002, M.Kemal & A.Koçak leg. - 13: Bitlis: Baykan 37km NW, 1350m, 04 06 2006, M.Kemal obs. *Feeding on the flower Silene compacta.* - 1♂ 1♀ 13: Sarıkonak: Kasih, 1050m. 12 06 2002, M.Kemal & A.Koçak leg. - 1♂ 13: Tatvan: Tatvan 45km E, 1870m. 25 06 2001, A.Koçak & M.Kemal leg. - 1♀ 13: Tatvan: Nemrut Krateri, İlkgöl, 2280m, 09 06 2007, H.Özkol, L.Kayci, M.Kemal, A.Koçak leg. - 38: Melikgazi: Erciyes, Hisarcık, 1820m, 31 05 2007, M.Kemal & A.Koçak obs. - 46: Göksun: B.Çamurlu- Yoğunoluk kavşağı, 1570m, 01 06 2007, M.Kemal & A.Koçak obs. - 46: Göksun: Karaömer E, 1375m, 01 06 2007, M.Kemal & A.Koçak obs. - 65: Gevaş: Göründü- Altınsaç arası, 1730-1800m. 02 06 2001, M.Kemal & A.Koçak obs. - 65: Gevaş: Göründü N., 1680m, 06 06 2009, A.Koçak & M.Kemal obs. - 1♂ 65: Van: Zeve, Kampüs, 1700m. 19 06 2001, M.Kemal leg. - 1♀ 65: Van: Erek Dağı, Kurubaş 7km E, 2100m. 08 06 2002, M.Kemal & A.Koçak leg. - 3♂ 65: Çatak: Amata vadisi, 1550m. 09 06 2001, M.Kemal & A.Koçak leg. - 2♂ 65: Çatak: Amata vadisi, 1750m. 10 06 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Gölgepınar, 1400m. 19 06 2002, M.Kemal & A.Koçak leg.

**Azuritis reducta herculeana** 1♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 1♂ 06: Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg. - 2♂ 12: Yolçatı: Kuruca geçidi E (Yolçatı) 1700m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland openings.* - 1♂ 13: Tatvan: Reşadiye 5km W, 1700m 26 06 2004, M.Kemal & A.Koçak leg. - 13: Tatvan: Reşadiye W, 1670m, 27 06 2006, M.Kemal obs. Sits on *Oak* leaves. - 2♂ 48: Bodrum: Farılya Atçiftliği, 0100m, 17 06 2005, M.Kemal leg. - 65: Gevaş: İnköy 4km E., 1860m. 02 06 2001, M.Kemal & A.Koçak obs. - 65: Gevaş: Göründü N., 1680m, 06 06 2009, A.Koçak & M.Kemal obs. - 3♂ 65: Çatak: Amata vadisi, 1550m. 09 06 2001, M.Kemal & A.Koçak leg. - 2♂ 1♀ 65: Çatak: Amata vadisi, 1750m. 10 06 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Amata vadisi, 1600m. 15 06 2002, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Amata vadisi, 1600m. 19 06 2002, M.Kemal & A.Koçak leg. - 65: Çatak: Çatak 12km NNE, Kirazlı, 1550m. 28 07 2002, A.Koçak obs. - 1♂ 65: Çatak: Amata vadisi, 1650m 02 06 2003, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Amata vadisi, 1600m. 07 06 2003, M.Kemal & A.Koçak leg.

**Brenthis hecate transcaucasica** 13: Tatvan: Reşadiye W, 1670m, 27 06 2006, M.Kemal & A.Koçak leg. - 1♂ Tatvan: Reşadiye W, 1670m, 27 06 2006, M.Kemal & A.Koçak leg.

**Charaxes jasius** 48: Bodrum: Farılya Atçiftliği, 0100m, 17 06 2005, M.Kemal obs.

**Euapatura mirza** 1♂ 13: Sarıkonak: Kasih, 1050m. 12 06 2002, M.Kemal & A.Koçak leg. - 3♂ 1♀ 65: Çatak: Şehzade Pınarı, 1350m. 13 07 2001, M.Kemal & A.Koçak leg. - 65: Çatak: Çatak 12km NNE, Kirazlı, 1550m. 28 07 2002, A.Koçak obs. - 5 larvae 65: Çatak: Atlıhan, 1200m. 17 05 2003, A.Koçak & M.Kemal leg. *Rocky stony mountain slope covered by degraded mixed forest (Quercus, Celtis, Prunus, Crataegus) with degraded malacophyllous plants and grasses. Larvae feed on Celtis glabrata.*

**Eurodryas aurinia bulgarica** 7♂ 06: Kızılcahamam: Soğuksu, 1000-1300m 29 05 1999, M.Kemal & B.Koçak leg. - 1♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 1♂ 65: Çatak: Çatak 7km S., 1530m. 26 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Amata vadisi, 1550m. 09 06 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Amata vadisi, 1750m. 10 06 2001, M.Kemal & A.Koçak leg.

**Inachis io** 1♂ 11: Bilecik: Tünel N, 0520m, 25 04 2007, M.Kemal & A.Koçak leg. *woodland openings, orchards on foothills.*

**Issoria lathonia** 06: Ayaş: Ayaş Dağları, Mülk, 1060m, 30 05 2007, M.Kemal obs. - 2♂ 06: Ayaş: Atderesi, 1100m. 15 05 1999, A.Koçak & M.Kemal leg. - 2♂ 06: Ayaş: Akyatak, 1200m. 15 05 1999, A.Koçak & M.Kemal leg. - 2♂ 06: Ayaş: Akyatak, 1200m. 15 05 1999, A.Koçak & M.Kemal leg. - 1♂ 06: Kızılcahamam: Soğuksu, 1000-1300m 29 05 1999, M.Kemal & B.Koçak leg. - 1♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 11 05 2000, S.Seven & M.Kemal leg. - 1♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20 05 2000, M.Kemal & A.Koçak leg. - 2♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20-21 05 2000, M.Kemal & A.Koçak leg. - 2♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 1♂ 06: Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg. - 1♀ 06: Yenimahalle: Memlik, Astragalo-Brometea stebi, 1300m 12 07 1998, S.Seven leg. - 06: Yenimahalle: Karyağıdı Dağı, Memlik, 1250m 24 04 1999, A.Koçak obs. - 2♂ 06: Yenimahalle: Lezgi, 1150-1200m 08 05 1999, A.Koçak & M.Kemal leg. - 2♂ 06: Yenimahalle: Karyağıdı Dağı, Memlik, 1200m. 22 05 1999, A.Koçak & M.Kemal leg. - 1♂ 06: Yenimahalle: Karyağıdı Dağı, Lezgi, 1350m. 23 05 1999, A.Koçak & M.Kemal leg. - 2♂ 06: Çubuk: Aydos Dağı, 1650-1800m. 16 05 1999, A.Koçak & M.Kemal leg. - 1♂ 06: Çubuk:

Muhabbetçayırlı, 1420m. 16 05 1999, A.Koçak & M.Kemal leg. -  $2\hat{\circ}$  **11:** Bilecik: Tünel N, 0520m, 25 04 2007, M.Kemal & A.Koçak leg. *woodland openings, orchards on foothills.* -  $1\hat{\circ}$  **12:** Bingöl: Bingöl 8km W, 1350m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland and butterfly feeds on Thymus.* -  $1\hat{\circ}$  **12:** Bingöl: Kuruca göleti, 1720m, 02 06 2007, M.Kemal & A.Koçak leg. -  $2\hat{\circ}$  **13:** Bitlis: Bitlis 10km SW, 1400m. 12 06 2002, M.Kemal & A.Koçak leg. -  $2\hat{\circ}$  **13:** Tatvan: Nemrut Krateri, 2400m, 09 06 2007, H.Özkol, L.Kayci, M.Kemal, A.Koçak leg. -  $1\hat{\circ}$  **13:** Tatvan: Nemrut Krateri, İlköy, 2280m, 09 06 2007, H.Özkol, L.Kayci, M.Kemal, A.Koçak leg. -  $1\hat{\circ}$  **30:** Şemdinli: Şapatan geçidi N, 1560m. 19 05 2003, M.Kemal leg. -  $1\hat{\circ}$  **30:** Şemdinli: Karaağaç, 1500m. 19 05 2003, M.Kemal leg. -  $2\hat{\circ}$  **38:** Develi: Gezbeli W, 1910m, 31 05 2007, M.Kemal & A.Koçak leg. -  $1\hat{\circ}$  **38:** Pınarbaşı: Pınarbaşı 2km W, 1580m. 26 06 2001, A.Koçak & M.Kemal leg. -  $2\hat{\circ}$  **40:** Kaman: Kırşehir-Kaman kavşağı, 1190m, 07 06 2006, M.Kemal & A.Koçak leg. -  $1\hat{\circ}$  **46:** Göksun: B.Çamurlu- Yoğunoluk kavşağı, 1570m, 01 06 2007, M.Kemal & A.Koçak leg. -  $2\hat{\circ}$  **50:** Ürgüp: Avanos, Zelve 2km 1000m 07 06 2006, M.Kemal & A.Koçak leg. -  $1\hat{\circ}$  **58:** Gürün: Mazikiran Geçidi, 1700m. 26 06 2001, A.Koçak & M.Kemal leg. -  $1\hat{\circ}$  **65:** Gevaş: İnköy 4km E., 1860m. 02 06 2001, M.Kemal leg. -  $1\hat{\circ}$  **65:** Gevaş: Malumkışır geçidi, 2700m. 02 08 2002, A.Koçak, H.Özkol & L.Kayci leg. *Species inhabit in tragacanthic mountain steppe.* -  $4\hat{\circ}$  **65:** Van: Erek Dağı, Kurubaş 7km E, 2100m. 08 06 2002, M.Kemal & A.Koçak leg. -  $2\hat{\circ}$  **65:** Çatak: Çatak 1km S., 1600m. 19 05 2001, M.Kemal & A.Koçak leg. -  $1\hat{\circ}$  **65:** Çatak: Çatak 6km S., 1540m. 24 05 2001, M.Kemal & A.Koçak leg. -  $2\hat{\circ}$  **65:** Çatak: Çatak 6km S., 1540m. 24 05 2001, M.Kemal & A.Koçak leg. -  $1\hat{\circ}$  **65:** Çatak: Çatak 5km S., 1540m. 25 05 2001, M.Kemal & A.Koçak leg. -  $2\hat{\circ}$  **65:** Çatak: Çatak 6km S., 1540m. 25 05 2001, M.Kemal & A.Koçak leg. -  $3\hat{\circ}$  **65:** Çatak: Çatak 7km S., 1530m. 26 05 2001, M.Kemal & A.Koçak leg. -  $1\hat{\circ}$  **65:** Çatak: Çatak 3km S., 1540m. 26 05 2001, M.Kemal & A.Koçak leg. -  $1\hat{\circ}$  **65:** Çatak: Amata vadisi, 1750m. 10 06 2001, M.Kemal & A.Koçak leg. -  $1\hat{\circ}$  **65:** Çatak: Şehzade Pınarı, 1350m. 03 05 2003, M.Kemal leg. *Rocky stony mountain slope covered by degraded mixed forest (Quercus, Celtis, Prunus, Crataegus) with Populus plantation and degraded malacophyllous plants and grasses.* -  $1\hat{\circ}$  **65:** Çatak: Kayabogaz S., Köprüaltı, 2100m 17 05 2003, M.Kemal & A. Koçak leg.

**Melitaea arduinna**  $1\hat{\circ}$  **13:** Tatvan: Tatvan 57km E, 1920m. 25 06 2001, A.Koçak & M.Kemal leg. -  $3\hat{\circ}$  **49:** Muş: Buğlan geçidi, 1695m, 26 06 2004, M.Kemal & A.Koçak leg. -  $1\hat{\circ}$  **49:** Solhan: Buğlan geçidi E, 1370m. 21 06 2002, M.Kemal & A.Koçak leg. -  $12\hat{\circ}$  **65:** Van: Zeve, Kampüs, 1700m. 04 06 2001, M.Kemal leg. -  $4\hat{\circ}$  **65:** Van: Zeve, Kampüs, 1700m. 05 06 2001, M.Kemal leg. -  $1\hat{\circ}$  **65:** Van: Zeve, Kampüs, 1700m. 18 06 2001, M.Kemal leg. -  $1\hat{\circ}$  **65:** Van: Zeve, Kampüs, 1700m. 19 06 2001, M.Kemal leg. -  $1\hat{\circ}$  **65:** Van: Zeve, Kampüs, 1700m. 22 06 2001, M.Kemal leg. -  $2\hat{\circ}$  **65:** Çatak: Amata vadisi, 1550m. 09 06 2001, M.Kemal & A.Koçak leg. -  $4\hat{\circ}$  **65:** Çatak: Amata vadisi, 1750m. 10 06 2001, M.Kemal & A.Koçak leg. -  $1\hat{\circ}$  **65:** Çatak: Gölgepinar, 1500m. 15 06 2002, M.Kemal & A.Koçak leg. -  $1\hat{\circ}$  **65:** Çatak: Amata vadisi, 1600m. 19 06 2002, M.Kemal & A.Koçak leg. -  $1\hat{\circ}$  **65:** Çatak: Gölgepinar, 1400m. 19 06 2002, M.Kemal & A.Koçak leg. -  $3$  larvae **65:** Çatak: Dalbastı 3km S, 1300m. 17 05 2003, M.Kemal & A. Koçak leg. *Hilly place covered by mixed forest (Quercus, Crataegus, Prunus, Acer, Celtis), with malacophyllous plants and grasses. Larvae on Centaurea behen.* -  $2\hat{\circ}$  **65:** Çatak: Amata vadisi, 1600m. 07 06 2003, M.Kemal & A.Koçak leg.

**Melitaea cinxia** **06:** Ayaş: Ayaş Dağları, Mülk, 1060m, 30 05 2007, M.Kemal obs. -  $5\hat{\circ}$  **06:** Ayaş: Atderesi, 1100m. 15 05 1999, A.Koçak & M.Kemal leg. -  $3\hat{\circ}\varnothing$  **06:** Ayaş: Akyatak, 1200m. 15 05 1999, A.Koçak & M.Kemal leg. -  $39\hat{\circ}\varnothing$  **06:** Sincan: Mülk, Ayaş Dağları E., 1000m. 20-21 05 2000, M.Kemal & A.Koçak leg. -  $26\hat{\circ}\varnothing$  **06:** Sincan: Mülk, Ayaş Dağları E., 1000m. 20 05 2000, M.Kemal & A.Koçak leg. -  $1\hat{\circ}$  **06:** Sincan: Mülk, Ayaş Dağları E., 1000m. 03 06 2000, M.Kemal & S.Seven leg. -  $9\hat{\circ}$  **06:** Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. -  $6\hat{\circ}\varnothing$  **06:** Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg. -  $2\hat{\circ}$  **06:** Yenimahalle: Karyağıdı Dağı, Lezgi, 1200m. 19 05 1999, A.Koçak & M.Kemal leg. -  $4\hat{\circ}\varnothing$  **06:** Yenimahalle: Karyağıdı Dağı, Memlik, 1200m. 22 05 1999, A.Koçak & M.Kemal leg. -  $1\hat{\circ}$  **06:** Yenimahalle: Karyağıdı Dağı, Lezgi, 1350m. 23 05 1999, A.Koçak & M.Kemal leg. -  $1\hat{\circ}$  **06:** Çubuk: Aydos Dağı: Deremhisar, 1650m. 16 05 1999, A.Koçak & M.Kemal leg. -  $9\hat{\circ}\varnothing$  **06:** Çubuk: Muhabbetçayırlı, 1420m. 16 05 1999, A.Koçak & M.Kemal leg. -  $3\hat{\circ} 1\hat{\circ}$  **12:** Bingöl: Kuruca göleti, 1720m, 02 06 2007, M.Kemal & A.Koçak leg. -  $2\hat{\circ}$  **12:** Yolçatu: Kuruca geçidi E (Yolçatu) 1700m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland openings.* -  $2\hat{\circ}$  **13:** Bitlis: Baykan 37km NW, 1350m, 04 06 2006, M.Kemal & A.Koçak leg. -  $1\hat{\circ}$  **13:** Tatvan: Reşadiye 5km W, 1750m. 11 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland margins.* -  $1\hat{\circ}$  **13:** Tatvan: Nemrut Krateri, Büyükgöl, 2260m, 09 06 2007, H.Özkol, L.Kayci, M.Kemal, A.Koçak leg. -  $1\hat{\circ}$  **13:** Tatvan: Nemrut Krateri, İlköy üstü, 2300m, 09 06 2007, H.Özkol, L.Kayci, M.Kemal, A.Koçak leg. -  $1\hat{\circ}$  **13:** Tatvan: Nemrut Krateri, 2400m, 09 06 2007, H.Özkol, L.Kayci, M.Kemal, A.Koçak leg. -  $2\hat{\circ}$  **13:** Tatvan: Nemrut Krateri, İlköy, 2280m, 09 06 2007, H.Özkol, L.Kayci, M.Kemal, A.Koçak leg. -  $3\hat{\circ}$  **30:** Şemdinli: Şapatan geçidi S, 1700m. 19 05 2003, M.Kemal leg. -  $1\hat{\circ}$  **31:** Şenköy, Yukarı Uçlar, 0470m, 20 04 2007, M.Kemal & A.Koçak leg. *Margin of degraded macchie vegetation.* -  $1\hat{\circ}$  **38:** Pınarbaşı: Pınarbaşı 5km W, 1580m, 16 06 2006,

M.Kemal & A.Koçak leg. - 3♂ 46: Göksun: B.Çamurlu- Yoğunoluk kavşağı, 1570m, 01 06 2007, M.Kemal & A.Koçak leg. - 2♂ 65: Bahçesaray: Karabel Pass, 3000m. 14 07 2001, M.Kemal & A.Koçak leg. *Species inhabits at tragacanthic mountain steppe*. - 3♂ 1♀ 65: Gevaş: Göründü- Altinsaç arası, 1730-1800m. 02 06 2001, M.Kemal leg. - 1♂ 65: Gevaş: İnköy 4km E., 1860m. 02 06 2001, M.Kemal leg. - 1♂ 65: Gevaş: Kuzgunkiran geçidi, 2250m. 29 05 2003, M.Kemal & A.Koçak leg. - 1♂ 65: Gevaş: Göründü N., 1680m, 28 05 2009, A.Koçak & M.Kemal leg. - 5♂ 65: Gevaş: Göründü N., 1680m, 06 06 2009, A.Koçak & M.Kemal leg. - 10♂ 65: Gevaş: Altinsaç N, 1840m, 06 06 2009, A.Koçak & M.Kemal leg. - 5♂ 65: Gürpınar: Gölet, 2050m. 09 06 2002, A.Koçak, H.Özkol & L.Kayci leg. - 3♂ 65: Gürpınar: Çatakbaşı, Cunkderesi, 2345m. 06 06 2007, M.Kemal & A.Koçak leg. - 11♂ (ex larvae) 65: Van: Kurubaş geçidi, 2200m. 22 05 2001, M.Kemal & A.Koçak leg. - 4♂ 65: Van: Erek Dağı, Kurubaş 7km E, 2100m. 08 06 2002, M.Kemal & A.Koçak leg. - 3♂ 65: Van: Kurubaş geçidi N, 2100m. 10 06 2003, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Aşağı Narlıca, 2150m. 19 05 2001, M.Kemal & A.Koçak leg. - 2♂ 65: Çatak: Çatak 1km S., 1600m. 19 05 2001, M.Kemal & A.Koçak leg. - 4♂ 65: Çatak: Aşağı Narlıca, 2150m. 27 05 2001, M.Kemal & A.Koçak leg. - 6♂ 65: Çatak: Amata vadisi, 1750m. 10 06 2001, M.Kemal & A.Koçak leg. - 2♂ 65: Çatak: Kayabogaç, Gültükçe, 2300m. 13 06 2001, M.Kemal & A.Koçak leg. *Species inhabits on Prangos, Ferula, Astragalus, Coronilla community*. - 1♂ 65: Çatak: Amata vadisi, 1600m. 19 06 2002, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Amata vadisi, 1650m 02 06 2003, M.Kemal & A.Koçak leg.

**Melitaea collina collina** 1♂ 31: Şenköy, Yukarı Uçlar, 0470m, 20 04 2007, M.Kemal & A.Koçak leg. *Margin of degraded macchie vegetation*. - **Melitaea collina lokmani** 4♂ 30: Şemdinli: Şapatan geçidi N, 1560m. 19 05 2003, M.Kemal leg. - 2♂ 30: Şemdinli: Şapatan geçidi S, 1700-1900m. 19 05 2003, M.Kemal leg. - 2♂ 65: Çatak: Amata vadisi, 1550m. 09 06 2001, M.Kemal & A.Koçak leg. - 2♂ 65: Çatak: Dalbastı 3km S, 1300m. 30 05 2003, M.Kemal & A.Koçak leg.

**Melitaea didyma** 1♀ 01: Tufanbeyli: Gezbeli E, Hanyeri W, 1885m, 06 06 2006, M.Kemal & A.Koçak leg. - 4♂ 1♀ 06: Ayaş: Akyatak, 1250m. 07 07 2001, A.Koçak & M.Kemal leg. - 1♂ 06: Ayaş: Ayaş Dağları, Mülk, 1060m, 30 05 2007, M.Kemal & A.Koçak leg. - 6♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20 05 2000, M.Kemal & A.Koçak leg. - 8♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20-21 05 2000, M.Kemal & A.Koçak leg. - 1♀ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 03 06 2000, M.Kemal & S.Seven leg. - 25♂ 2♀ 06: Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg. - 1♂ 06: Sincan: Ayaş Dağları E, 1150m. 07 07 2001, A.Koçak & M.Kemal leg. - 3♂ 06: Yenimahalle: Memlik, Astragalo-Brometea stebi, 1300m 12 07 1998, S.Seven leg. - 5♂ 3♀ 06: Yenimahalle: Memlik, 1300m 18 07 1998, A.Koçak & M.Kemal leg. - 1♀ 06: Yenimahalle: Memlik, Astragalo-Brometea stebi, 1200m 23 07 1998, A.Koçak & M.Kemal leg. - 1♂ 06: Yenimahalle: Memlik, Kayalik, 1170m 23 07 1998, A.Koçak & M.Kemal leg. - 1♀ 06: Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.Koçak & M.Kemal leg. - 1♂ 06: Yenimahalle: Karyağdı Dağı, Lezgi, 1350m. 23 05 1999, A.Koçak & M.Kemal leg. - 1♀ 06: Çubuk: Muhabbetçayı, 1420m. 16 05 1999, A.Koçak & M.Kemal leg. - 3♂ 12: Yolçatı: Kuruca geçidi E (Yolçatı) 1700m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland openings*. - 3♂ 13: Bitlis: Bitlis 10km SW, 1400m. 12 06 2002, M.Kemal & A.Koçak leg. - 1♂ 13: Tatvan: Güroymak 6km E, 1700m. 04 07 2002, M.Kemal & A.Koçak leg. - 1♀ (topotype) 31: 0440m, 21 04 2007, M.Kemal & A.Koçak leg. *Margin of degraded macchie vegetation*. - 1♂ 2♀ 38: Pınarbaşı: Pınarbaşı 2km W, 1580m. 26 06 2001, A.Koçak & M.Kemal leg. - 6♂ 2♀ 46: Göksun: Keklikoluk, 1700m, 06 06 2006, M.Kemal & A.Koçak leg. *Mountain steppe*. - 3♂ 46: Göksun: B.Çamurlu- Yoğunoluk kavşağı, 1570m, 01 06 2007, M.Kemal & A.Koçak leg. - 1♂ 49: Muş: Buğlan geçidi, 1695m, 26 06 2004, M.Kemal & A.Koçak leg. - 1♂ 49: Solhan: Buğlan geçidi E, 1650m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus-Vicia community*. - 1♀ 65: Edremit: Doğanlar, 1900m. 18 07 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Gevaş: Yoldöndü, Kuzgunkiran E, 2230m. 25 06 2001, A.Koçak & M.Kemal leg. - 1♀ 65: Gevaş: Malumkışiler geçidi, 2700m. 02 08 2002, A.Koçak, H.Özkol & L.Kayci leg. *Species inhabits in tragacanthic mountain steppe*. - 1♂ 65: Van: Zeve, Kampüs, 1700m. 04 06 2001, M.Kemal leg. - 1♂ 65: Van: Zeve, Kampüs, 1700m. 05 06 2001, M.Kemal leg. - 5♂ 65: Van: Kurubaş geçidi, 2100m. 18 07 2001, M.Kemal & A.Koçak leg. *Butterflies inhabits in tragacanthic mountain steppe*. - 1♂ 65: Van: Erek Dağı: Kokuludere, 2250m. 10 08 2001, M.Kemal & A.Koçak leg. *Species inhabits on Juncus, Carex, Mentha, Cirsium community*. - 2♂ 65: Çatak: Amata vadisi, 1550m. 09 06 2001, M.Kemal & A.Koçak leg. - 65: Çatak: Atlıhan, 1200m. 19 06 2002, M.Kemal & A.Koçak obs. *Butterfly feeds on Salvia sp.*

**Melitaea fascalis** 1♀ 06: Kızılıcahamam: Soğuksu, 1000-1300m 29 05 1999, M.Kemal & B.Koçak leg. - (larva on Verbascum) 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 11 05 2000, S.Seven & M.Kemal leg. - 1♀ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 6♂ 06: Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg. - 1♀ 06: Yenimahalle: Memlik, 1300m 15

08 1998, A.Koçak & M.Kemal leg. - 3♂ 1♀ **33:** Tarsus: Tarsus 40km N, 0600m, 12 06 2005, A.Koçak, M.Kemal leg. - 1♂ **65:** Çatak: Amata vadisi, 1750m. 10 06 2001, M.Kemal & A.Koçak leg. - 3 larvae **65:** Çatak: Şehzade Pınarı, 1350m. 30 05 2003, M.Kemal & A.Koçak leg. *Larva feeds on Verbascum sp.*

**Melitaea perseae** 1♂ 1♀ **13:** Tatvan: Tatvan 57km E, 1920m. 25 06 2001, A.Koçak & M.Kemal leg. - 5♂♀ **65:** Gevaş: Yoldöndü, Kuzgunkiran E, 2230m. 25 06 2001, A.Koçak & M.Kemal leg. - 2♀ **65:** Gürpınar: Gölardi, 2350m. 10 08 2001, M.Kemal & A.Koçak leg. *Species inhabits on Juncus, Carex, Mentha, Cirsium community.* - 3♂ **65:** Van: Zeve, Kampüs, 1700m. 19 06 2001, M.Kemal leg. - 1♂ **65:** Van: Zeve, Kampüs, 1700m. 22 06 2001, M.Kemal leg. - 4♂♀ **65:** Çatak: Amata vadisi, 1750m. 10 06 2001, M.Kemal & A.Koçak leg. - 2♂ **65:** Çatak: Gölgepınar, 1400m. 19 06 2002, M.Kemal & A.Koçak leg.

**Melitaea phoebe** **06:** Ayaş: Ayaş Dağları, Mülk, 1060m, 30 05 2007, M.Kemal obs. - 3♂ **06:** Ayaş: Atderesi, 1100m. 15 05 1999, A.Koçak & M.Kemal leg. - 2♂ **06:** Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg. - 1♂ **06:** Çubuk: Muhabbetçayı, 1420m. 16 05 1999, A.Koçak & M.Kemal leg. - 4♂ **13:** Tatvan: Tatvan 57km E, 1920m. 25 06 2001, A.Koçak & M.Kemal leg. - **31:** Harbiye S, 0440m, 21 04 2007, M.Kemal obs. *Margin of degraded macchie vegetation.* - 1♂ **38:** Develi: Gezbeli W, 1910m, 31 05 2007, M.Kemal & A.Koçak leg. - 1♂ **38:** Pınarbaşı: Pınarbaşı 2km W, 1580m. 26 06 2001, A.Koçak & M.Kemal leg. - 1♂ **46:** Göksun: Tekir N., Kurucova, 1350m, 06 06 2006, M.Kemal & A.Koçak leg. - **46:** Göksun: B.Çamurlu- Yoğunoluk kavşağı, 1570m, 01 06 2007, M.Kemal & A.Koçak obs. - 1♀ **49:** Solhan: Buğlan geçidi E, 1650m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus-Vicia community.* - 1♂ **65:** Gevaş: İnköy 4km E, 1860m. 02 06 2001, M.Kemal leg. - 2♂ **65:** Çatak: Amata vadisi, 1550m. 09 06 2001, M.Kemal & A.Koçak leg. - 3♂ **65:** Çatak: Amata vadisi, 1750m. 10 06 2001, M.Kemal & A.Koçak leg. - 1♀ **65:** Çatak: Şehzade Pınarı, 1350m. 13 07 2001, M.Kemal & A.Koçak leg. - 4♂♀ **65:** Çatak: Gölgepınar, 1500m. 13 06 2002, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Saklıvadı, 2050m. 15 06 2002, M.Kemal & A.Koçak leg. - 1♀ **65:** Çatak: Gölgepınar, 1400m. 19 06 2002, M.Kemal & A.Koçak leg.

**Melitaea punica** 3♂ 1♀ **06:** Kızılcahamam: Soğuksu, 1000-1300m 29 05 1999, M.Kemal & B.Koçak leg. - 2♂ **06:** Sincan: Mülk, Ayaş Dağları E., 1000m. 20-21 05 2000, M.Kemal & A.Koçak leg. - 5♂ **06:** Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 7♂♀ **06:** Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg. - 1♂ **06:** Sincan: Mülk, Ayaş Mts. E., 1150m 06 08 2000, A.Koçak & M.Kemal leg. - 2♂ **06:** Yenimahalle: Memlik, Astragalo-Brometea stebi, 1200m 15 08 1998, A.Koçak & M.Kemal leg. - 2♂ **65:** Çatak: Çatak 6km S., 1540m. 24 05 2001, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Çatak 5km S., 1540m. 25 05 2001, M.Kemal & A.Koçak leg. - 5♂ **65:** Çatak: Çatak 7km S., 1530m. 26 05 2001, M.Kemal & A.Koçak leg.

**Mellicta athalia** 1♂ **06:** Kızılcahamam: Soğuksu, 1000-1300m 29 05 1999, M.Kemal & B.Koçak leg.

**Nymphalis antiopa** 1♂ **06:** Yenimahalle: Karyağılı Dağı, Memlik, 1250m 24 04 1999, A.Koçak leg.

**Nymphalis polychlora** 1♀ **06:** Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg. - **65:** Çatak: Şehzade Pınarı, 1350m. 03 05 2003, M.Kemal & A.Koçak obs. *Rocky stony mountain slope covered by degraded mixed forest (Quercus, Celtis, Prunus, Crataegus) with Populus plantation and degraded malacophyllous plants and grasses.* - >10 larvae **65:** Çatak: Atlhan, 1200m. 17 05 2003, A.Koçak & M.Kemal leg. *Rocky stony mountain slope covered by degraded mixed forest (Quercus, Celtis, Prunus, Crataegus) with degraded malacophyllous plants and grasses. Larvae feed on Celtis sp.* - 1♀ **65:** Çatak: Dalbastı 3km S, 1300m. 17 05 2003, M.Kemal & A. Koçak leg. *Hilly place covered by mixed forest (Quercus, Crataegus, Prunus, Acer, Celtis), with malacophyllous plants and grasses.* - 1♂ **65:** Çatak: Dalbastı 3km S, 1300m, 30 04 2005, M.Kemal & A. Koçak leg. - 1♂ **65:** Çatak: Şehzade Pınarı, 1350m, 30 04 2005, M.Kemal & A. Koçak leg. - **80:** Osmaniye: Amanoslar, Ürün Yaylası, 0750m, 08 04 2005, M.Kemal obs.

**Polygonia c-album** **13:** Tatvan: Reşadiye W, 1670m, 27 06 2006, M.Kemal obs. - **65:** Çatak: Şehzade Pınarı, 1350m. 03 05 2003, M.Kemal & A.Koçak obs. *Rocky stony mountain slope covered by degraded mixed forest (Quercus, Celtis, Prunus, Crataegus) with Populus plantation and degraded malacophyllous plants and grasses.*

**Polygonia egea** 1♂ **13:** Tatvan: Reşadiye 2km W, 1700m, 26 05 2007, M.Kemal & A.Koçak leg. - 1♂ **48:** Bodrum: Akyarlar, 0050m, 15 06 2005, A.Koçak leg. *on Lantana flowers.* - 2♂ **65:** Gevaş: İnköy 4km E, 1860m. 02 06 2001, M.Kemal leg. - **65:** Gevaş: Göründü N., 1680m, 06 06 2009, A.Koçak & M.Kemal obs. - **65:** Gürpınar: Çatakdibi, Cunkderesi, 2345m. 06 06 2007, A.Koçak obs. - 1♂ **65:** Çatak: Çatak 10km S.,

1510m. 25 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Çatak 6km S., 1540m. 25 05 2001, M.Kemal & A.Koçak leg. - 2♂ 65: Çatak: Çatak 7km S., 1530m. 26 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Onağlı kavşağı, 2060m. 27 05 2001, M.Kemal & A.Koçak leg. - 65: Çatak: Amata vadisi, 1750m. 10 06 2001, M.Kemal & A.Koçak leg. - 65: Çatak: Amata vadisi, 1600m. 15 06 2002, M.Kemal & A.Koçak obs. - 1♂ 65: Çatak: Gölgepinar, 1500m. 15 06 2002, M.Kemal & A.Koçak leg. - 3♂ 65: Çatak: Athhan, 1200m. 17 05 2003, A.Koçak & M.Kemal leg. *Rocky stony mountain slope covered by degraded mixed forest (Quercus, Celtis, Prunus, Crataegus) with degraded malacophyllous plants and grasses.* - 1♂ 65: Çatak: Amata vadisi, 1600m. 07 06 2003, M.Kemal & A.Koçak leg.

**Thaleropis ionia** 1♂ 65: Çatak: Çatak 3km S., 1540m. 26 05 2001, M.Kemal & A.Koçak leg. - 4♂ 65: Çatak: Çatak 7km S., 1530m. 26 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Amata vadisi, 1550m. 09 06 2001, M.Kemal & A.Koçak leg. - 2♂ 65: Çatak: Amata vadisi, 1750m. 10 06 2001, M.Kemal & A.Koçak leg. - 65: Çatak: Amata vadisi, 1600m. 15 06 2002, M.Kemal & A.Koçak obs. - 1♀ 65: Çatak: Gölgepinar, 1500m. 15 06 2002, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Çatak 12km NNE, Kirazlı, 1550m. 28 07 2002, A.Koçak leg. - 2♂ 1♀ 65: Çatak: Atlıhan, 1200m. 17 05 2003, A.Koçak & M.Kemal leg. *Rocky stony mountain slope covered by degraded mixed forest (Quercus, Celtis, Prunus, Crataegus) with degraded malacophyllous plants and grasses.* - 65: Çatak: Amata vadisi, 1600m. 07 06 2003, M.Kemal & A.Koçak leg.

**Vanessa (Cynthia) cardui** 06: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal obs. - 1♂ 06: Yenimahalle: Memlik, 1300m 18 07 1998, A.Koçak & M.Kemal leg. - 1♂ 06: Yenimahalle: Memlik, Astragalo-Brometea stebi, 1200m 23 07 1998, A.Koçak & M.Kemal leg. - 1♂ 06: Yenimahalle: Karyağlı Dağı, Lezgi, 1350m. 23 05 1999, A.Koçak & M.Kemal leg. - 1♂ 13: Tatvan: Reşadiye 5km W, 1750m. 11 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland margins.* - 1♂ 13: Tatvan: Güroymak 10km E, 1650m. 30 06 2002, M.Kemal & A.Koçak leg. - 1♂ 13: Tatvan: Reşadiye 2km W, 1700m, 26 05 2007, M.Kemal & A.Koçak leg. - 13: Tatvan: Nemrut Krateri dış yamaçlar, 2310m, 09 06 2007, A.Koçak obs. - 1♂ 13: Tatvan: Nemrut Krateri, 2400m, 09 06 2007, H.Özkol, L.Kayci, M.Kemal, A.Koçak leg. - 1♀ 30: Şemdinli: Şapatan geçidi S, 1900m. 19 05 2003, M.Kemal leg. - 2♂ 31: Antakya: Harbiye 10km S, 0500m, 09 04 2005, M.Kemal leg. - 2♂ 31: Yayladağı: Yayladağı, 0450m, 09 04 2005, M.Kemal leg. - 1♂ 31: Yayladağı: Şenköy, 0870m, 19 04 2007, M.Kemal & A.Koçak leg. - 31: Şenköy, Yukarı Uçlar, 0470m, 20 04 2007, M.Kemal obs. *Margin of degraded macchie vegetation.* - 1♂ 33: Tarsus: Tarsus 40km N, 0600m, 12 06 2005, A.Koçak & M.Kemal leg. - 38: Melikgazi: Erciyes, Hisarcık, 1820m, 31 05 2007, M.Kemal & A.Koçak obs. - 40: Kaman: Kırşehir-Kaman kavşağı, 1190m, 07 06 2006, M.Kemal obs. - 46: Göksun: B.Çamurlu- Yoğunoluk kavşağı, 1570m, 01 06 2007, M.Kemal & A.Koçak obs. - 2♂ 47: Nusaybin: Marine, 0700m, 02 04 2005, M.Kemal leg. *butterflies feed on nectar of Senecio vernalis.* - 2♂ 47: Nusaybin: Marine, 0600m, 02 04 2005, I.Akdeniz leg. *inhabits on arable fields.* - 2♂ 47: Nusaybin: Beyazsu N., 0700m, 03 04 2005, M.Kemal leg. - 50: Ürgüp: Avanos, Zelve 2km 1000m 07 06 2006, M.Kemal & A.Koçak obs. - 58: Gürün: Höyüklüyurt, 1700m 27 06 2004, M.Kemal & A.Koçak obs. - 1♂ 65: Gevaş: Göründü- Altınsaç arası, 1730-1800m. 02 06 2001, M.Kemal leg. - 1♂ 1♀ 65: Gevaş: Malumkişiler geçidi, 2700m. 02 08 2002, A.Koçak, H.Özkol & L.Kayci leg. *Species inhabit in tragacanthic mountain steppe.* - 65: Gevaş: Kuzgunkırın geçidi, 2250m. 29 05 2003, M.Kemal & A.Koçak obs. - 2♂ 65: Gevaş: Göründü N., 1680m, 06 06 2009, A.Koçak & M.Kemal leg. - 1♂ 65: Gevaş: Altınsaç N, 1840m, 06 06 2009, A.Koçak & M.Kemal leg. - 1♂ 65: Gürpinar: Çatakdbi, Cunkderesi, 2345m. 06 06 2007, M.Kemal & A.Koçak leg. - 2♂ 65: Van: Zeve, Kampüs, 1700m. 10 04 2001, M.Kemal & A.Koçak leg. - 65: Van: Zeve, Kampüs, 1750m. 20 04 2001, M.Kemal & A.Koçak obs. - 1♂ 65: Van: Kurubaş geçidi, 2200m. 21 04 2001, M.Kemal & A.Koçak leg. *It feeds on the nectar of Caccinia macranthera, Anchusa azurea, Ribes sp., Senecio vernalis, Alkanna orientalis, Nonea sp.* - (in migration) 65: Van: North of Kampüs, Güllü, 1820m. 28 04 2001, M.Kemal & A.Koçak obs. - (in migration) 65: Van: North of Kampüs, Tekekli, 1800m. 28 04 2001, M.Kemal & A.Koçak obs. *It feeds on the nectar of Lagotis stolonifera.* - 65: Van: W. of Erçek gölü, 1920m. 06 05 2001, M.Kemal & A.Koçak obs. - 1♀ 65: Çatak: Aşağı Narlıca, 2150m. 19 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Narlı, Dalbastı, 1750m. 25 05 2001, M.Kemal & A.Koçak leg. - 65: Çatak: Karabel Pass, 3000m. 27 05 2001, M.Kemal & A.Koçak obs. - 65: Çatak: Amata vadisi, 1600m. 15 06 2002, M.Kemal & A.Koçak obs. - 1♂ 65: Çatak: Dalbastı 3km S, 1300m, 30 04 2005, M.Kemal & A. Koçak leg. - 80: Osmaniye: Amanoslar, Ürün Yaylası, 0750m, 08 04 2005, M.Kemal leg. - 1♂ 80: Osmaniye: Arslantaş, Castabala (Hieropolis), 0250m, 08 04 2005, M.Kemal leg.

**Vanessa (s.str.) atalanta** 1♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 06: Yenimahalle: Karyağlı Dağı, Lezgi, 1100m 01 05 1999, A.Koçak & M.Kemal obs. - 1♂ 38: Pınarbaşı: Pınarbaşı, 1550m, 02 08 2004, M.Kemal leg. *Tragacanthic mountain steppe.* - 1♂ 38:

Pınarbaşı: Pınarbaşı, 1550m, 02 08 2004, M.Kemal leg. - 1♀ **65**: Van: Zeve, Kampüs, 1750m. 22 10 2001, M.Kemal & A.Koçak leg. - **80**: Osmaniye: Amanoslar, Ürün Yaylası, 0750m, 08 04 2005, M.Kemal obs.

### **Libytheidae**

**Libythea celtis** 1♂ **58**: Gürün: Gürün 10km NW [3km SE Mazıkırın geçidi], 1650m, 17 07 2004, M.Kemal & A.Koçak leg. *Astragalus spp. Globularia Steppe, with sporadic Daphne, Crataegus, Rosa bushes.* - 1♂ **58**: Gürün: Mazıkırın Geçidi 3km SE, 1650m, 17 07 2004, M.Kemal & A.Koçak leg. *Astragalus-Globularia steppe with sporadic Daphne, Crataegus, Rosa, Celtis glabrata scrubs.* - 1♂ **65**: Çatak: Amata vadisi, 1600m. 07 06 2003, M.Kemal & A.Koçak leg.

### **Lycaenidae**

**Callophrys rubi** **06**: Ayaş: Ayaş Dağları, Mülk, 1060m, 30 05 2007, M.Kemal obs. *Butterflies sip nectar of Vicia cracca.* - 1♂ **06**: Ayaş: Atderesi, 1100m. 15 05 1999, A.Koçak & M.Kemal leg. - 3♂♀ **06**: Ayaş: Akyatak, 1200m. 15 05 1999, A.Koçak & M.Kemal leg. - 3♂ **06**: Kızılcahamam: Soğuksu, 1000-1300m 29 05 1999, M.Kemal & B.Koçak leg. - **06**: Sincan: Mülk, Ayaş Dağları E., 1000m. 07 05 2000, A.Koçak & M.Kemal obs. - 10♂♀ **06**: Sincan: Mülk, Ayaş Dağları E., 1000m. 11 05 2000, S.Seven & M.Kemal leg. - 3♂ **06**: Sincan: Mülk, Ayaş Dağları E., 1000m. 20-21 05 2000, M.Kemal & A.Koçak leg. - 1♂ **06**: Sincan: Mülk, Ayaş Dağları E., 1000m. 20 05 2000, M.Kemal & A.Koçak leg. - 3♀ **06**: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 3♂ **06**: Yenimahalle: Lezgi, 1150-1200m 08 05 1999, A.Koçak & M.Kemal leg. - 2♂♀ **06**: Yenimahalle: Karyağılı Dağı, Memlik, 1200m. 22 05 1999, A.Koçak & M.Kemal leg. - 1♂ **06**: Çubuk: Muhabbetçayı, 1420m. 16 05 1999, A.Koçak & M.Kemal leg. - 1♂ **06**: Çubuk: Aydos Dağı, 1650-1800m. 16 05 1999, A.Koçak & M.Kemal leg. - 1♂ **06**: Çubuk: Aydos Dağı: Deremhisar, 1650m. 16 05 1999, A.Koçak & M.Kemal leg. - 1♂ **12**: Bingöl: Bingöl 8km W, 1350m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland and butterfly feeds on Thymus.* - **31**: Harbiye: Harbiye S, 0440m, 20 04 2007, M.Kemal obs. *Margin of degraded macchie vegetation.* - 2♂ **38**: Develi: Gezbeli W, 1910m, 31 05 2007, M.Kemal & A.Koçak leg. *Butterfly sips nectar from Aethionema sp.* - 1♀ **38**: Melikgazi: Erciyes, Hisarcık, 1820m, 31 05 2007, M.Kemal & A.Koçak leg. - 1♂ **38**: Pınarbaşı: Pınarbaşı 2km W, 1580m. 26 06 2001, A.Koçak & M.Kemal leg. - 1♀ **40**: Kaman: Kırşehir-Kaman kavşağı, 1190m, 07 06 2006, M.Kemal & A.Koçak leg.

**Callophrys herculeana** 4♂♀ **65**: Çatak: Çatak 3km S., 1540m. 26 05 2001, M.Kemal & A.Koçak leg. - 1♂ **65**: Çatak: Çatak 7km S., 1530m. 26 05 2001, M.Kemal & A.Koçak leg. - 6♂♀ **65**: Çatak: Amata vadisi, 1750m. 10 06 2001, M.Kemal & A.Koçak leg. - 1♂ **65**: Çatak: Dalbastı 3km S, 1300m. 17 05 2003, M.Kemal & A. Koçak leg. *Hilly place covered by mixed forest (Quercus, Crataegus, Prunus, Acer, Celtis), with malacophyllous plants and grasses. Butterfly feeds on Cardaria draba.* - 1♂ **65**: Çatak: Amata vadisi, Boravin, 1550m. 07 06 2003, M.Kemal & A.Koçak leg.

**Callophrys dantchenkoi** 1♂ **13**: Tatvan: Tatvan 57km E, 1920m. 25 06 2001, A.Koçak & M.Kemal leg. - 1♂ **13**: Tatvan: Reşadiye 5km W, 1750m. 11 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland margins.* - 2♀ **13**: Tatvan: Reşadiye 5km W, 1700m 26 06 2004, M.Kemal & A.Koçak leg. - 1♀ **13**: Tatvan: Reşadiye W, 1670m, 27 06 2006, M.Kemal & A.Koçak leg. - 1♂ **30**: Şemdinli: Haruna geçidi, 1900m. 19 05 2003, M.Kemal & M.Kemal leg. - 2♂ **30**: Şemdinli: Şapatan geçidi N, 1560m. 19 05 2003, M.Kemal leg. - 4♂♀ **30**: Şemdinli: Şapatan geçidi S, 1900m. 19 05 2003, M.Kemal leg. - 1♂ **30**: Şemdinli: Karaağaç, 1500m. 19 05 2003, M.Kemal leg. - 1♂ **65**: Gevaş: Kuzgunkırın geçidi, 2250m. 29 05 2003, M.Kemal & A.Koçak leg. - 5♂ **65**: Gürpınar: Gölet, 2050m. 09 06 2002, A.Koçak, H.Özkol & L.Kayıcı leg. - 3♂ 2♀ **65**: Gürpınar: Çatakbaşı, Cunkderesi, 2345m. 06 06 2007, M.Kemal & A.Koçak leg. - 1♂ **65**: Van: Erek Dağı, Kurubaş 7km E, 2100m. 08 06 2002, M.Kemal & A.Koçak leg. - 1♂ **65**: Van: Kurubaş geçidi N, 2100m. 10 06 2003, M.Kemal & A.Koçak leg. - 1♂ **65**: Çatak: Onağlı kavşağı, 2060m. 19 05 2001, M.Kemal & A.Koçak leg. - 5♂ **65**: Çatak: Gevaş/Çatak sınırı, 2000m. 24 05 2001, M.Kemal & A.Koçak leg. - 1♂ **65**: Çatak: Onağlı kavşağı, 2060m. 24 05 2001, M.Kemal & A.Koçak leg. - **65**: Çatak: Narlı, Dalbastı, 1750m. 25 05 2001, M.Kemal & A.Koçak obs. - 5♂♀ **65**: Çatak: Yukarı Narlıca 15km E., 2650m. 27 05 2001, M.Kemal & A.Koçak leg. - 1♂ **65**: Çatak: Amata vadisi, 1750m. 10 06 2001, M.Kemal & A.Koçak leg. - 1♂ **65**: Çatak: Dalbastı 3km S, 1300m. 30 04 2005, M.Kemal & A. Koçak leg.

**Celastrina argiolus** 1♀ 06: Yenimahalle: Lezgi, 1200m 12 07 1998, S.Seven leg. - 1♂ 06: Yenimahalle: Karyağılı Dağı, Lezgi, 1100m 01 05 1999, A.Koçak & M.Kemal leg. - 1♂ 12: Bingöl: Yado çeşmesi, 1350m, 26 05 2007, M.Kemal & A.Koçak leg. - 1♀ 13: Tatvan: Tatvan 57km E, 1920m. 25 06 2001, A.Koçak & M.Kemal leg. - 2♂ 13: Tatvan: Reşadiye W, 1670m, 27 06 2006, M.Kemal & A.Koçak leg. - 1♂ 13: Tatvan: Reşadiye W, 1670m, 27 06 2006, M.Kemal & A.Koçak leg. - 1♂ 30: Şemdinli: Haruna geçidi, 1900m. 19 05 2003, M.Kemal leg. *Its habitat tragicanthic mountain steppe has been greatly degraded and overgrazed.* - 3♂ 30: Şemdinli: Şapatan geçidi S, 1700-1900m. 19 05 2003, M.Kemal leg. - 2♂ 30: Şemdinli: Karaağaç, 1500m. 19 05 2003, M.Kemal leg. - 1♂ 1♀ 49: Muş: Buğlan geçidi, 1695m, 26 06 2004, M.Kemal & A.Koçak leg. - 1♀ 49: Muş: Buğlan geçidi, 1600m, 16 07 2004, M.Kemal & A.Koçak leg. - 1♂ 65: Gürpınar: Yalınca Kaplıca, 2215m, 13 08 2006, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Çatak 6km S., 1540m. 24 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Şehzade Pınarı, 1350m. 03 05 2003, M.Kemal leg. *Rocky stony mountain slope covered by degraded mixed forest (Quercus, Celtis, Prunus, Crataegus) with Populus plantation and degraded malacophyllous plants and grasses.* - 3♂ 65: Çatak: Dalbastı 3km S, 1300m. 04 05 2003, M.Kemal leg. *Hilly place covered by mixed forest (Quercus, Crataegus, Prunus, Acer, Celtis), with malacophyllous plants and grasses.* - 3♂ 1♀ 65: Çatak: Dalbastı 3km S, 1300m, 30 04 2005, M.Kemal & A. Koçak leg.

**Chilades (Freyeria) trochylus** 06: Bala: Üçem köyü, 1200m, 18 07 2004, M.Kemal & A.Koçak obs. *Tragacanthic steppe on hill slopes.* - 1♀ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 07 05 2000, A.Koçak & M.Kemal leg. - 1♀ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 11 05 2000, S.Seven & M.Kemal leg. - 1♀ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20-21 05 2000, M.Kemal & A.Koçak leg. - 1♀ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20 05 2000, M.Kemal & A.Koçak leg. - 1♂ 44: Malatya: Karahan geçidi E, 1450m. 09 07 2001, A.Koçak & M.Kemal leg. - 65: Gürpınar: Derindere, 2020m, 13 08 2006, M.Kemal & A.Koçak obs. - 1♂ 80: Osmaniye: Arslantaş, Castabala (Hieropolis), 0250m, 08 04 2005, M.Kemal leg.

**Cigaritis acamas** 1♂ 4♀ 12: Bingöl: Bingöl 13km E, 1350m. 09 07 2001, A.Koçak & M.Kemal leg. - 2♂ 12: Bingöl: Bingöl 8km W, 1350m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland and butterfly feeds on Thymus.*

**Cupido minimus** 1♀ 06: Kızılcahamam: Soğuksu, 1000-1300m 29 05 1999, M.Kemal & B.Koçak leg. - 1♂ 06: Çubuk: Aydos Dağı, 1650-1800m. 16 05 1999, A.Koçak & M.Kemal leg. - 1♂ 06: Çubuk: Kuruçay, 1300m. 16 05 1999, A.Koçak & M.Kemal leg. - 1♂ 06: Çubuk: Muhabbetçayırlı, 1420m. 16 05 1999, A.Koçak & M.Kemal leg. - 5♂ 38: Develi: Gezbeli W, 1910m, 31 05 2007, M.Kemal & A.Koçak leg. - 1♀ 65: Çatak: Narlı, Dalbastı, 1750m. 25 05 2001, M.Kemal & A.Koçak leg.

**Cupido osiris** 1♂ 01: Tufanbeyli: Gezbeli E, Hanyeri W, 1885m, 06 06 2006, M.Kemal & A.Koçak leg. - 06: Ayaş: Ayaş Dağları, Mülk, 1060m, 30 05 2007, M.Kemal obs. - 7♂ 06: Ayaş: Atderesi, 1100m. 15 05 1999, A.Koçak & M.Kemal leg. - 1♂ 06: Ayaş: Akyataklı, 1200m. 15 05 1999, A.Koçak & M.Kemal leg. - 1♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20 05 2000, M.Kemal & A.Koçak leg. - 1♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20-21 05 2000, M.Kemal & A.Koçak leg. - 2♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 03 06 2000, M.Kemal & S.Seven leg. - 14♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 6♂ 06: Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg. - 2♂ 2♀ 06: Yenimahalle: Memlik, Astragalo-Brometea stebi, 1300m 12 07 1998, S.Seven leg. - 4♂ 06: Yenimahalle: Memlik, 1200m 18 07 1998, A.Koçak & M.Kemal leg. - 8♂ 06: Yenimahalle: Karyağılı Dağı, Memlik, 1200m. 22 05 1999, A.Koçak & M.Kemal leg. - 2♂ 06: Yenimahalle: Karyağılı Dağı, Lezgi, 1350m. 23 05 1999, A.Koçak & M.Kemal leg. - 2♂ 13: Tatvan: Reşadiye 5km W, 1750m. 11 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland margins.* - 1♀ 13: Tatvan: Reşadiye W, 1670m, 27 06 2006, M.Kemal & A.Koçak leg. - 1♂ 30: Şemdinli: Şapatan geçidi N, 1560m. 19 05 2003, M.Kemal leg. - 1♂ 30: Şemdinli: Şapatan geçidi S, 1700-1900m. 19 05 2003, M.Kemal leg. - 1♂ 38: Develi: Gezbeli W, 1910m, 31 05 2007, M.Kemal & A.Koçak leg. - 2♂ 2♀ 38: Pınarbaşı: Pınarbaşı 5km W, 1580m, 16 06 2006, M.Kemal & A.Koçak leg. - 4♂ 1♀ 44: Darende: Darende W, 1100m, 17 06 2006, M.Kemal & A.Koçak leg. - 1♂ 46: Göksun: Tekir N., Kurucaova, 1350m, 06 06 2006, M.Kemal & A.Koçak leg. - 2♂ 46: Göksun: B.Çamurlu- Yoğunoluk kavşağı, 1570m, 01 06 2007, M.Kemal & A.Koçak leg. - 3♂ 46: Göksun: Kanlıkavak E, 1420m, 01 06 2007, M.Kemal & A.Koçak leg. - 1♀ 50: Ürgüp: Avanos, Zelve 2km 1000m 07 06 2006, M.Kemal & A.Koçak leg. - 2♂ 58: Gürün: Höyüklüyurt, 1700m 27 06 2004, M.Kemal & A.Koçak leg. - 5♂ 65: Gevaş: Göründü N., 1680m, 28 05 2009, A.Koçak & M.Kemal leg. - 65: Gevaş: Göründü N., 1680m, 06 06 2009, A.Koçak & M.Kemal obs. - 1♂ 2♀

**65:** Çatak: Narlı, Dalbastı, 1750m. 25 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Narlı: Övecek, 1400m. 26 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Amata vadisi, 1550m. 09 06 2001, M.Kemal & A.Koçak leg. - 65: Çatak: Dalbastı 3km S, 1300m. 30 05 2003, M.Kemal & A.Koçak obs. *Butterflies feed on Onobrychis armena*. - 1♂ 71: Kırıkkale: Karakeçili 12km E, 1000m, 18 07 2004, M.Kemal & A.Koçak leg. *Grass steppe with dominant species Scabiosa argentea*.

**Glauopsyche alexis** 2♂ 06: Ayaş: Ayaş Dağları, Mülk, 1210-1250m, 30 05 2007, M.Kemal & A.Koçak leg. *Butterflies sip nectar of Vicia cracca*. - 12♂♀ 06: Ayaş: Atderesi, 1100m. 15 05 1999, A.Koçak & M.Kemal leg. - 3♂♀ 06: Ayaş: Akyatak, 1200m. 15 05 1999, A.Koçak & M.Kemal leg. - 7♂ 1♀ 06: Kızılıcahamam: Soğuksu, 1000-1300m 29 05 1999, M.Kemal & B.Koçak leg. - 1♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 07 05 2000, A.Koçak & M.Kemal leg. - 4♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 11 05 2000, S.Seven & M.Kemal leg. - 7♂♀ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20 05 2000, M.Kemal & A.Koçak leg. - 15♂♀ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20-21 05 2000, M.Kemal & A.Koçak leg. - 1♂ 1♀ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 09-10 06 2000, A.Koçak & M.Kemal leg. - 4♂ 06: Yenimahalle: Lezgi, 1150-1200m 08 05 1999, A.Koçak & M.Kemal leg. - 1♂ 06: Yenimahalle: Karyağdı Dağı, Lezgi, 1200m. 19 05 1999, A.Koçak & M.Kemal leg. - 4♂♀ 06: Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.Koçak & M.Kemal leg. - 7♂♀ 06: Çubuk: Muhabbetçayı, 1420m. 16 05 1999, A.Koçak & M.Kemal leg. - 5♂ 11: Bilecik: Tünel N, 0520m, 25 04 2007, M.Kemal & A.Koçak leg. *woodland openings, orchards on foothills*. - 2♂ 1♀ 12: Bingöl: Yado çeşmesi, 1350m, 26 05 2007, M.Kemal & A.Koçak leg. - 2♂ 13: Tatvan: Reşadiye 2km W, 1700m, 26 05 2007, M.Kemal & A.Koçak leg. - 1♂ 1♀ 31: Akbes, 0440m, 18 04 2007, M.Kemal & A.Koçak leg. *Mediterranean degraded woodland margin and roadside*. - 1♂ 31: Yayladağı: Yayladağı, 0450m, 09 04 2005, M.Kemal leg. - 5♂ 1♀ 31: Şenköy, Yukarı Uçlar, 0470m, 20 04 2007, M.Kemal & A.Koçak leg. *Margin of degraded macchie vegetation*. - 1♂ 38: Develi: Gezbeli W, 1910m, 31 05 2007, M.Kemal & A.Koçak leg. *Butterfly sips nectar from Aethionema sp.* - 2♂ 46: Göksun: B.Çamurlu-Yoğunoluk kavşağı, 1570m, 01 06 2007, M.Kemal & A.Koçak leg. - 2♂ 46: Göksun: Kanlıkavak E, 1420m, 01 06 2007, M.Kemal & A.Koçak leg. - 4♂ 1♀ 47: Nusaybin: Beyazsu N., 0700m, 03 04 2005, M.Kemal leg. - 5♂ 47: Nusaybin: Kalecik, 0600m, 03 04 2005, M.Kemal leg. - 1♂ 49: Muş: Buğlan geçidi, 1550m, 26 05 2007, M.Kemal & A.Koçak leg. - 1♂ 58: Gürün: Mazıkırın geçidi, 1800m, 27 05 2007, M.Kemal leg. - **Glauopsyche alexis lugens:** 4♂ 30: Şemdinli: Karaağaç, 1500m. 19 05 2003, M.Kemal leg. - 3♂ 30: Şemdinli: Şapatan geçidi N, 1560m. 19 05 2003, M.Kemal leg. - 12♂♀ 30: Şemdinli: Şapatan geçidi S, 1700-1900m. 19 05 2003, M.Kemal leg. - 4♂ 30: Şemdinli: Haruna geçidi, 1900m. 19 05 2003, M.Kemal leg. - 1♂ 1♀ 65: Gevaş: Göründü N., 1680m, 28 05 2009, A.Koçak & M.Kemal leg. - 3♂♀ 65: Gevaş: Göründü N., 1680m, 06 06 2009, A.Koçak & M.Kemal leg. - 1♂ 65: Gevaş: Altınsaç N, 1840m, 06 06 2009, A.Koçak & M.Kemal leg. - 4♂ 5♀ 65: Gevaş: Göründü- Altınsaç arası, 1730-1800m. 02 06 2001, M.Kemal leg. - 1♂ 1♀ 65: Van: Zeve, Kampüs, 1700m. 21 05 2001, M.Kemal & A.Koçak leg. - 1♀ 65: Van: Zeve, Kampüs, 1700m. 05 06 2001, M.Kemal leg. - 5♂ 65: Van: Kurubaş geçidi N, 2100m. 10 06 2003, M.Kemal & A.Koçak leg. - 12♂ 65: Çatak: Aşağı Narlıca, 2150m. 19 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Çatak 1km S., 1600m. 19 05 2001, M.Kemal & A.Koçak leg. - 3♂ 65: Çatak: Gevaş/Çatak sınırı, 2000m. 24 05 2001, M.Kemal & A.Koçak leg. - 2♂ 65: Çatak: Onağlı kavşağı, 2060m. 24 05 2001, M.Kemal & A.Koçak leg. - 6♂ 1♀ 65: Çatak: Narlı, Dalbastı, 1750m. 25 05 2001, M.Kemal & A.Koçak leg. - 2♂ 2♀ 65: Çatak: Narlı: Övecek, 1400m. 26 05 2001, M.Kemal & A.Koçak leg. - 5♂ 65: Çatak: Çatak 3km S., 1540m. 26 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Çatak 7km S., 1530m. 26 05 2001, M.Kemal & A.Koçak leg. - 2♂ 65: Çatak: Aşağı Narlıca, 2150m. 27 05 2001, M.Kemal & A.Koçak leg. - 8♂ 65: Çatak: Amata vadisi, 1750m. 10 06 2001, M.Kemal & A.Koçak leg. - 2♂ 65: Çatak: Gölgepinar, 1500m. 15 06 2002, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Saklıvadi, 2050m. 15 06 2002, M.Kemal & A.Koçak leg. - 3♂ 65: Çatak: Kayabogaç S., Köprüaltı, 2100m 17 05 2003, M.Kemal & A. Koçak leg. - 17♂♀ 65: Çatak: Dalbastı 3km S, 1300m. 17 05 2003, M.Kemal & A. Koçak leg. *Hilly place covered by mixed forest (Quercus, Crataegus, Prunus, Acer, Celtis), with malacophyllous plants and grasses.* - 65: Çatak: Dalbastı 3km S, 1300m. 30 05 2003, M.Kemal & A.Koçak obs. *Butterflies feed on Onobrychis armena*. - 10♂ 65: Çatak: Amata vadisi, 1650m 02 06 2003, M.Kemal & A.Koçak leg. - 4♂♀ 65: Çatak: Dalbastı meşeliği, 1650m. 07 06 2003, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Dalbastı 3km S, 1300m, 30 04 2005, M.Kemal & A. Koçak leg.

**Glauopsyche astraea** 1♂ 46: Göksun: Keklikoluk, 1700m, 06 06 2006, M.Kemal & A.Koçak leg. *Mountain steppe*. - 2♂ 1♀ 58: Gürün: Mazıkırın geçidi, 1800m, 27 05 2007, M.Kemal leg.

**Iolana lessei** 1♂ 06: Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg. - 1♂ 13: Tatvan: Reşadiye 5km W, 1700m 26 06 2004, M.Kemal & A.Koçak leg. - 3♂ 65: Çatak: Amata vadisi,

1750m. 10 06 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Amata vadisi, 1600m. 15 06 2002, M.Kemal & A.Koçak leg.

**Lampides boeticus** 1♀ 13: Sarıkonak: Bitlis 20-23km SW, 1200m. 12 06 2002, M.Kemal & A.Koçak leg. - 1♂ 13: Tatvan: Tatvan 57km E, 1920m. 25 06 2001, A.Koçak & M.Kemal leg. - 2♀ 13: Tatvan: Reşadiye 5km W, 1700m 26 06 2004, M.Kemal & A.Koçak leg. - 1♂ 13: Tatvan: Reşadiye W, 1670m, 27 06 2006, M.Kemal & A.Koçak leg. - 2♂ 1♀ 48: Bodrum: Farılıya Atçiftliği, 0100m, 17 06 2005, M.Kemal leg. - 1♂ 65: Gevaş: Yoldöndü, Kuzgunkırın E, 2230m. 25 06 2001, A.Koçak & M.Kemal leg. - 3♂ 65: Çatak: Amata vadisi, 1750m. 10 06 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Amata vadisi, 1600m. 15 06 2002, M.Kemal & A.Koçak leg.

**Lycaena (Alciphronia) alciphron** 2♂ 06: Kızılcahamam: Soğuksu, 1000-1300m 29 05 1999, M.Kemal & B.Koçak leg. - 8♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 1♂ 1♀ 06: Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg. - 1♂ 1♀ 12: Bingöl: Bingöl 8km W, 1350m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland and butterfly feeds on Thymus.* - 1♂ 12: Yolçatı: Kuruca geçidi E (Yolçatı) 1700m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland openings.* - 6♂ 13: Bitlis: Bitlis 10km SW, 1400m. 12 06 2002, M.Kemal & A.Koçak leg. - 2♂ 13: Bitlis: Baykan 37km NW, 1350m, 04 06 2006, M.Kemal & A.Koçak leg. - 3♂ 13: Tatvan: Tatvan 57km E, 1920m. 25 06 2001, A.Koçak & M.Kemal leg. - 2♀ 13: Tatvan: Kuzgunkırın geçidi, 2170m, 16 07 2004, M.Kemal & A.Koçak leg. - 2♀ 13: Tatvan: Kuzgunkırın geçidi, 2170m, 16 07 2004, M.Kemal & A.Koçak leg. *Tragacanthic degraded mountain steppe.* - 1♂ 38: Pınarbaşı: Pınarbaşı 2km W, 1580m. 26 06 2001, A.Koçak & M.Kemal leg. - 1♂ 46: Göksun: Keklikoluk, 1700m, 06 06 2006, M.Kemal & A.Koçak leg. *Mountain steppe.* - 1♂ 58: Gürün: Höyüklüyurt, 1700m 27 06 2004, M.Kemal & A.Koçak leg. - 65: Gevaş: Yoldöndü, Kuzgunkırın E, 2230m. 25 06 2001, A.Koçak & M.Kemal obs. - 2♂ 65: Çatak: Amata vadisi, 1750m. 10 06 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Şehzade Pınarı, 1350m. 13 07 2001, M.Kemal & A.Koçak leg. - 2♂ 65: Çatak: Gölgepınar, 1500m. 13 06 2002, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Şehzade Pınarı, 1400m. 15 06 2002, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Amata vadisi, 1600m. 07 06 2003, M.Kemal & A.Koçak leg.

**Lycaena (Heodes) virgauraee** 1♂ 13: Tatvan: Kuzgunkırın geçidi, 2170m, 16 07 2004, M.Kemal & A.Koçak leg. *Tragacanthic degraded mountain steppe.* - 1♂ 13: Tatvan: Reşadiye W, 1670m, 27 06 2006, M.Kemal & A.Koçak leg. - 3♂ 65: Gürpınar: Yalınca Kaplıca, 2215m, 13 08 2006, M.Kemal & A.Koçak leg. - 2♂ 65: Çatak: Şehzade Pınarı, 1350m. 13 07 2001, M.Kemal & A.Koçak leg.

**Lycaena (Lowenia) tityrus** 1♂ 01: Tufanbeyli: Gezbeli E, Hanyeri W, 1885m, 06 06 2006, M.Kemal & A.Koçak leg. - 9♂ 06: Ayaş: Atderesi, 1100m. 15 05 1999, A.Koçak & M.Kemal leg. - 3♂ 06: Kızılcahamam: Soğuksu, 1000-1300m 29 05 1999, M.Kemal & B.Koçak leg. - 1♂ 1♀ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 11 05 2000, S.Seven & M.Kemal leg. - 7♂ 1♀ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20-21 05 2000, M.Kemal & A.Koçak leg. - 3♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20 05 2000, M.Kemal & A.Koçak leg. - 1♂ 1♀ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 1♂ 06: Sincan: Ayaş Dağları E, 1150m. 07 07 2001, A.Koçak & M.Kemal leg. - 1♀ 06: Yenimahalle: Memlik, 1300m 18 07 1998, A.Koçak & M.Kemal leg. - 1♂ 06: Yenimahalle: Memlik, Astragalo-Brometea stebi, 1200m 15 08 1998, A.Koçak & M.Kemal leg. - 2♂ 06: Yenimahalle: Lezgi, 1150-1200m 08 05 1999, A.Koçak & M.Kemal leg. - 1♂ 06: Yenimahalle: Karyağıdı Dağı, Lezgi, 1200m. 19 05 1999, A.Koçak & M.Kemal leg. - 3♂ 06: Çubuk: Aydos Dağı, 1650-1800m. 16 05 1999, A.Koçak & M.Kemal leg. - 3♂ 12: Bingöl: Yado çeşmesi, 1350m, 26 05 2007, M.Kemal & A.Koçak leg. - 1♂ 13: Bitlis: Bitlis 10km SW, 1400m. 12 06 2002, M.Kemal & A.Koçak leg. - 2♂ 13: Bitlis: Baykan 37km NW, 1350m, 04 06 2006, M.Kemal & A.Koçak leg. - 1♂ 13: Tatvan: Kuzgunkırın geçidi, 2170m, 16 07 2004, M.Kemal & A.Koçak leg. - 1♂ 13: Tatvan: Kuzgunkırın geçidi, 2170m, 16 07 2004, M.Kemal & A.Koçak leg. *Tragacanthic degraded mountain steppe.* - 2♂ 13: Tatvan: Nemrut Krateri, İlikgöl, 2280m, 09 06 2007, H.Özkol, L.Kayıcı, M.Kemal, A.Koçak leg. - 6♂ 30: Şemdinli: Şapatan geçidi S, 1700-1900m. 19 05 2003, M.Kemal leg. - 1♂ 30: Şemdinli: Karaağaç, 1500m. 19 05 2003, M.Kemal leg. - 2♂ 46: Göksun: B.Çamurlu- Yoğunoluk kavşağı, 1570m, 01 06 2007, M.Kemal & A.Koçak leg. - 1♂ 65: Gürpınar: Yukarı Eğimli, 2230m, 13 08 2006, M.Kemal & A.Koçak leg. - 2♂ 65: Gürpınar: Yalınca Kaplıca, 2215m, 13 08 2006, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Çatak 6km S, 1540m. 24 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Çatak 7km S, 1530m. 26 05 2001, M.Kemal & A.Koçak leg. - 2♂ 65: Çatak: Dalbastı 3km S, 1300m. 17 05 2003, M.Kemal & A. Koçak leg. *Hilly place covered by mixed forest (Quercus, Crataegus, Prunus, Acer, Celtis), with malacophyllous plants and grasses.*

***Lycaena (Margelycaena) euphratica*** 1♂ 13: Tatvan: Tatvan 30km E, 1800m. 25 06 2001, A.Koçak & M.Kemal leg.

***Lycaena (Palaeochrysophanus) candens*** 1♂ 65: Bahçesaray: Karabel Pass, 3000m. 14 07 2001, M.Kemal & A.Koçak leg. *Species inhabits at tragacanthic mountain steppe.* - 1♂ 65: Çatak: Karabel Pass, 2700m. 27 07 2001, M.Kemal & A.Koçak leg. *Species inhabits at tragacanthic mountain steppe.* -

***Lycaena (Thersamonia) asabinus*** 2♂ 13: Tatvan: Reşadiye 5km W, 1750m. 11 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland margins.* - 3♂ 46: Göksun: B.Çamurlu- Yoğunoluk kavşağı, 1570m, 01 06 2007, M.Kemal & A.Koçak leg. - 1♂ 65: Gevaş: İnköy 4km E., 1860m. 02 06 2001, M.Kemal leg. - 3♂ 65: Gevaş: Göründü N., 1680m, 28 05 2009, A.Koçak & M.Kemal leg. - 9♂ 65: Gevaş: Göründü N., 1680m, 06 06 2009, A.Koçak & M.Kemal leg. - 1♂ 65: Van: Erek Dağı: Kokuludere, 2250m. 10 08 2001, M.Kemal & A.Koçak leg. *Species inhabits on Juncus, Carex, Mentha, Cirsium community. Butterfly feeds on Mentha sp.* - 1♂ 65: Çatak: Çatak 6km S., 1540m. 24 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Amata vadisi, 1550m. 09 06 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Dalbastı 3km S, 1300m. 17 05 2003, M.Kemal & A. Koçak leg. *Hilly place covered by mixed forest (Quercus, Crataegus, Prunus, Acer, Celtis), with malacophyllous plants and grasses.* - 1♂ 65: Çatak: Şehzade Pınarı, 1350m. 30 05 2003, M.Kemal & A.Koçak leg. - 2♂ 65: Çatak: Amata vadisi, Boravin, 1550m. 07 06 2003, M.Kemal & A.Koçak leg.

***Lycaena (Thersamonia) kefersteini*** - 1♂ 06: Ayaş: Ayaş Dağları, Mülk, 1060m, 30 05 2007, M.Kemal & A.Koçak leg. - 8♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20 05 2000, M.Kemal & A.Koçak leg. - 22♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20-21 05 2000, M.Kemal & A.Koçak leg. - 8♂ 1♀ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 2♂ 06: Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg. - 1♂ 06: Yenimahalle: Memlik, Astragalo-Brometea stebi, 1200m 15 08 1998, A.Koçak & M.Kemal leg. - a male observed 06: Yenimahalle: Lezgi, 1150-1200m 08 05 1999, A.Koçak & M.Kemal obs. - 1♂ 38: Pınarbaşı: Pınarbaşı 5km W, 1580m, 16 06 2006, M.Kemal & A.Koçak leg. - 1♂ 46: Göksun: Keklikoluk, 1700m, 06 06 2006, M.Kemal & A.Koçak leg. *Mountain steppe.* - 3♂ 46: Göksun: B.Çamurlu- Yoğunoluk kavşağı, 1570m, 01 06 2007, M.Kemal & A.Koçak leg. - 1♂ 58: Gürün: Mazlıkaran geçidi, 1800m, 27 05 2007, M.Kemal leg. - 3♂ 65: Gürpınar: Gölet, 2050m. 09 06 2002, A.Koçak, H.Özkol & L.Kayıcı leg. - 1♂ 65: Gürpınar: Derindere, 2020m, 13 08 2006, M.Kemal & A.Koçak leg. - 3♂ 65: Gürpınar: Kırkgeçit S., 2230m, 13 08 2006, M.Kemal & A.Koçak leg. - 3♂ 65: Van: Erek Dağı, Kurubaş 7km E, 2100m. 08 06 2002, M.Kemal & A.Koçak leg. - 3♂ 65: Çatak: Onağlı kavşağı, 2060m. 24 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Çatak 6km S., 1540m. 24 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Çatak 7km S., 1530m. 26 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Onağlı kavşağı, 2060m. 27 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Saklıvadi, 2050m. 15 06 2002, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Şehzade Pınarı, 1350m. 30 05 2003, M.Kemal & A.Koçak leg. - 65: Gevaş: Göründü N., 1680m, 06 06 2009, A.Koçak & M.Kemal obs. - 1♀ 06: Ayaş: Ayaş Dağları, Mülk, 1210-1250m, 30 05 2007, M.Kemal & A.Koçak leg.

<sup>5</sup>***Lycaena (Thersamonia) kurdistanica*** 1♀ 13: Tatvan: Reşadiye 5km W, 1700m 26 06 2004, M.Kemal & A.Koçak leg. - 1♂ 65: Bahçesaray: Karabel Pass, 3000m. 14 07 2001, M.Kemal & A.Koçak leg. *Species inhabits at tragacanthic mountain steppe.* - 1♂ 65: Gevaş: Göründü- Altınsaç arası, 1730-1800m. 02 06 2001, M.Kemal leg. - 3♂ 65: Gürpınar: Gölardı, 2350m. 10 08 2001, M.Kemal & A.Koçak leg. *Species inhabits on Juncus, Carex, Mentha, Cirsium community.* - 1♂ 65: Gürpınar: Yalınca Kaplıca, 2215m, 13 08 2006, M.Kemal & A.Koçak leg. - 1♀ 65: Gürpınar: Kırkgeçit S., 2230m, 13 08 2006, M.Kemal & A.Koçak leg. - 3♂ 1♀ 65: Van: Erek Dağı: Kokuludere, 2250m. 10 08 2001, M.Kemal & A.Koçak leg. *Species inhabits on Juncus, Carex, Mentha, Cirsium community.* - 3♂ 1♀ 65: Çatak: Onağlı kavşağı, 2060m. 24 05 2001, M.Kemal & A.Koçak leg. - 2♂ 65: Çatak: Çatak 7km S., 1530m. 26 05 2001, M.Kemal & A.Koçak leg. - 1♀ 65: Çatak: Kayabogaz, Gültekçe, 2300m. 10 06 2001, M.Kemal & A.Koçak leg. *Species inhabits on Prangos, Ferula, Astragalus, Coronilla community.* - 1♀ 65: Çatak: Amata vadisi, 1600m. 19 06 2002, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Şehzade Pınarı, 1350m. 30 05 2003, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Amata vadisi, Boravin, 1550m. 07 06 2003, M.Kemal & A.Koçak leg.

***Lycaena (Thersamonia) lampon*** 2♂ 65: Gevaş: Malumkişiler geçidi, 2700m. 02 08 2002, A.Koçak leg.

<sup>5</sup> Identity of the kurdistanica populations in Turkey will be studied separately.

***Lycaena (Thersamonia) thersamon*** 2♂ **01:** Tufanbeyli: Gezbeli E, Hanyeri W, 1885m, 06 06 2006, M.Kemal & A.Koçak leg. - 5♂ 5♀ **06:** Sincan: Elvanköy, 0750m. 09-10 09 2000, M.Kemal leg. - 1♂ **06:** Sincan: Eryaman, 0750m. 29 06 2001, M.Kemal leg. - 1♀ **06:** Yenimahalle: Memlik, Astragalo-Brometea stebi, 1200m 15 08 1998, A.Koçak & M.Kemal leg. - 1♂ 1♀ **06:** Yenimahalle: Lezgi, 1150-1200m 08 05 1999, A.Koçak & M.Kemal leg. - 1♀ **40:** Kaman: Kırşehir-Kaman kavaşığı, 1190m, 07 06 2006, M.Kemal & A.Koçak leg. - 1♂ **44:** Akçadağ: Sultansuyu Çiftliği, 0870m, 27 05 2007, M.Kemal leg. - 2♂ **46:** Göksun: Tekir N., Kurucaova, 1350m, 06 06 2006, M.Kemal & A.Koçak leg. - 1♂ **48:** Bodrum: Akyarlar, 0050m, 15 06 2005, M.Kemal & A.Koçak leg. - 1♂ **58:** Gürün: Mazıkiran Geçidi, 1700m. 26 06 2001, A.Koçak & M.Kemal leg. - 1♂ **58:** Gürün: Ziyaret Geçidi, 2000m, 02 08 2004, M.Kemal & A.Koçak leg. *Tragacanthic mountain steppe*. - 1♂ **58:** Gürün: Ziyaret Geçidi, 2000m, 02 08 2004, M.Kemal & A.Koçak leg. *Calcareous hilltops with Sedum album, S.semperfivoide, Astragalus, Acantholimon, Thymus subalpine mountain steppe*. - 1♀ **58:** Gürün: Mazıkiran geçidi, 1800m, 27 05 2007, M.Kemal leg.

***Lycaena (Thersamonia) thetis*** 2♂ **58:** Gürün: Ziyaret Geçidi, 2000m, 02 08 2004, M.Kemal & A.Koçak leg. *Tragacanthic mountain steppe*. - 2♂ **58:** Gürün: Ziyaret Geçidi, 2000m, 02 08 2004, M.Kemal & A.Koçak leg. *Calcareous hilltops with Sedum album, S.semperfivoide, Astragalus, Acantholimon, Thymus subalpine mountain steppe*. - 3♂ **65:** Gevaş: Malumkışır geçidi, 2350m. 02 08 2002, A.Koçak, H.Özkol & L.Kayci leg. *Species inhabit in tragacanthic mountain steppe*. - 1♂ **65:** Gürpinar: Gölardı, 2350m. 10 08 2001, M.Kemal & A.Koçak leg. *Species inhabits on Juncus, Carex, Mentha, Cirsium community*. - 2♂ **65:** Gürpinar: Yalınca Kaplıca, 2215m, 13 08 2006, M.Kemal & A.Koçak leg. - 1♂ 1♀ **65:** Van: Erek Dağı: Kokuludere, 2250m. 10 08 2001, M.Kemal & A.Koçak leg. *Species inhabits on Juncus, Carex, Mentha, Cirsium community. Butterfly feeds on Centaurea solstitialis*. - 1♂ **65:** Çatak: Karabel Pass, 2700m. 27 07 2001, M.Kemal & A.Koçak leg. *Species inhabits at tragacanthic mountain steppe*.

***Lycaena (s.str.) phlaeas*** 1♂ **06:** Sincan: Yenikent, 0750m. 16 04 2000, M.Kemal & E.Demir leg. - 1♂ **06:** Sincan: Mülk, Ayaş Dağları E., 1000m. 04 05 2000, A.Koçak & M.Kemal leg. - 1♂ 2♀ **06:** Sincan: Mülk, Ayaş Dağları E., 1000m. 07 05 2000, A.Koçak & M.Kemal leg. - 1♂ **06:** Sincan: Mülk, Ayaş Dağları E., 1000m. 11 05 2000, S.Seven & M.Kemal leg. - 3♂♀ **06:** Sincan: Mülk, Ayaş Dağları E., 1000m. 20 05 2000, M.Kemal & A.Koçak leg. - 3♂♀ **06:** Sincan: Mülk, Ayaş Dağları E., 1000m. 20-21 05 2000, M.Kemal & A.Koçak leg. - 1♂ **06:** Yenimahalle: Memlik, Astragalo-Brometea stebi, 1200m 15 08 1998, A.Koçak & M.Kemal leg. - 2♂ **06:** Yenimahalle: Karyağılı Dağı, Lezgi, 1100m 01 05 1999, A.Koçak & M.Kemal leg. - 1♂ **06:** Yenimahalle: Lezgi, 1150-1200m 08 05 1999, A.Koçak & M.Kemal leg. - 1♂ **06:** Çubuk: Aydos Dağı: Deremhisar, 1650m. 16 05 1999, A.Koçak & M.Kemal leg. - 2♂ **06:** Çubuk: Muhabbetçayı, 1420m. 16 05 1999, A.Koçak & M.Kemal leg. - 3♂♀ **11:** Bilecik: Tünel N, 0520m, 25 04 2007, M.Kemal & A.Koçak leg. *woodland openings, orchards on foothills*. - 2♂ **12:** Bingöl: Bingöl 8km W, 1350m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland and butterfly feeds on Thymus*. - 2♂ **12:** Bingöl: Yado çeşmesi, 1350m, 26 05 2007, M.Kemal & A.Koçak leg. - 1♂ **12:** Solhan: Yenidal köyü, 1320m. 25 06 2001, A.Koçak & M.Kemal leg. - 1♂ **13:** Sarıkonaç: Kasih, 1050m. 12 06 2002, M.Kemal & A.Koçak leg. - 1♂ **13:** Tatvan: Tatvan 30km E, 1800m. 25 06 2001, A.Koçak & M.Kemal leg. - 5♂ **13:** Tatvan: Kuzgunkırın geçidi, 2170m, 16 07 2004, M.Kemal & A.Koçak leg. - 5♂ **13:** Tatvan: Kuzgunkırın geçidi, 2170m, 16 07 2004, M.Kemal & A.Koçak leg. *Tragacanthic degraded mountain steppe*. - 2♀ **13:** Tatvan: Reşadiye 2km W, 1700m, 26 05 2007, M.Kemal & A.Koçak leg. - 1♂ **13:** Tatvan: Nemrut Krateri, Büyükgöl, 2260m, 09 06 2007, H.Özkol, L.Kayci, M.Kemal, A.Koçak leg. - 1♂ 1♀ **13:** Tatvan: Nemrut Krateri, İlkögöl üstü, 2300m, 09 06 2007, H.Özkol, L.Kayci, M.Kemal, A.Koçak leg. - 1♀ **13:** Tatvan: Nemrut Krateri, 2430m, 09 06 2007, H.Özkol, L.Kayci, M.Kemal, A.Koçak leg. - 2♀ **13:** Tatvan: Nemrut Krateri, 2400m, 09 06 2007, H.Özkol, L.Kayci, M.Kemal, A.Koçak leg. - 2♂ 1♀ **13:** Tatvan: Nemrut Krateri, İlkgöl, 2280m, 09 06 2007, H.Özkol, L.Kayci, M.Kemal, A.Koçak leg. - 1♂ **30:** Şemdinli: Haruna geçidi, 1900m. 19 05 2003, M.Kemal leg. *Its habitat tragacanthic mountain steppe has been greatly degraded and overgrazed*. - 1♂ **31:** 0440m, 21 04 2007, M.Kemal & A.Koçak leg. *Margin of degraded macchie vegetation*. - 2♂ **31:** Yayladağı: Yayladağı, 0450m, 09 04 2005, M.Kemal leg. - 2♂ **31:** Şenköy, Yukarı Uçlar, 0470m, 20 04 2007, M.Kemal & A.Koçak leg. *Margin of degraded macchie vegetation*. - 2♀ **38:** Develi: Gezbeli W, 1910m, 31 05 2007, M.Kemal & A.Koçak leg. *Butterfly sips nectar from Aethionema sp*. - 1♂ **38:** Melikgazi: Erciyes, Hisarcık, 1820m, 31 05 2007, M.Kemal & A.Koçak leg. - 1♂ **47:** Nusaybin: Beyazsu N., 0700m, 03 04 2005, M.Kemal leg. - 1♂ **48:** Bodrum: Akyarlar, 0005m, 14 06 2005, M.Kemal leg. - 1♂ **48:** Bodrum: Akyarlar, 0050m, 15 06 2005, M.Kemal & A.Koçak leg. - 1♂ **48:** Bodrum: Yahşı civarı, 0100m, 15 06 2005, M.Kemal & A.Koçak leg. - 4♂ **48:** Bodrum: Farilya Atçiftliği, 0100m, 17 06 2005, M.Kemal leg. - 1♂ **63:** Siverek: Siverek, 0700m, 07 04 2005, M.Kemal leg. - 1♂ **65:** Gevaş: Göründü- Altınsaç arası, 1730-1800m. 02 06 2001, M.Kemal leg. - 2♂ **65:** Gevaş: İnköy 4km E., 1860m. 02 06 2001, M.Kemal leg. - 1♂ **65:** Gevaş: Malumkışır geçidi, 2350m. 02 08 2002, A.Koçak, H.Özkol & L.Kayci leg. *Species inhabit in tragacanthic mountain steppe*. - 1♂ **65:**

Gevaş: Kuzgunkırın geçidi, 2250m. 29 05 2003, M.Kemal & A.Koçak leg. - 1♂ 65: Gevaş: Göründü N., 1680m, 28 05 2009, A.Koçak & M.Kemal leg. - 3♂ 65: Gevaş: Göründü N., 1680m, 06 06 2009, A.Koçak & M.Kemal leg. - 1♂ 65: Gürpınar: Zernek barajı, 2000m. 31 07 2001, A.Koçak leg. - 65: Gürpınar: Derindere, 2020m, 13 08 2006, M.Kemal & A.Koçak obs. - 1♂ 65: Gürpınar: Yalınca Kaplıca, 2215m, 13 08 2006, M.Kemal & A.Koçak leg. - 1♂ 65: Van: Zeve, Kampüs, 1700m. 17 04 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Van: North of Kampüs, Tevekli, 1800m. 28 04 2001, M.Kemal & A.Koçak leg. *It feeds on the nectar of Erysimum sp.* - 1♂ 65: Van: Erek Dağı: Kokuludere, 2250m. 10 08 2001, M.Kemal & A.Koçak leg. *Species inhabits on Juncus, Carex, Mentha, Cirsium community.* - 1♂ 65: Van: Erek Dağı, Kurubaş 7km E, 2100m. 08 06 2002, M.Kemal & A.Koçak leg. - 1♀ 65: Çatak: Çatak 6km S., 1540m. 24 05 2001, M.Kemal & A.Koçak leg. - 1♀ 65: Çatak: Çatak 10km S., 1510m. 25 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Çatak 6km S., 1540m. 25 05 2001, M.Kemal & A.Koçak leg. - 3♂ 65: Çatak: Amata vadisi, 1750m. 10 06 2001, M.Kemal & A.Koçak leg. - 7♂ 65: Çatak: Şehzade Pınarı, 1350m. 13 07 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Gölgepınar, 1500m. 13 06 2002, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Dalbastı 3km S, 1300m. 17 05 2003, M.Kemal & A. Koçak leg. *Hilly place covered by mixed forest (Quercus, Crataegus, Prunus, Acer, Celtis), with malacophyllous plants and grasses.* - 2♂ 65: Çatak: Kayabogaç S., Köprüaltı, 2100m 17 05 2003, M.Kemal & A. Koçak leg. - 1♂ 65: Çatak: Amata vadisi, 1650m 02 06 2003, M.Kemal & A.Koçak leg.

**Plebejus (Kretania) carmon** 2♂ 06: Ayaş: Ayaş Dağları, Mülk, 1060m, 30 05 2007, M.Kemal & A.Koçak leg. - 1♀ 06: Ayaş: Ayaş Dağları, Mülk, 1210-1250m, 30 05 2007, M.Kemal & A.Koçak leg. *Butterflies sip nectar of Vicia cracca.* - 5♂ 06: Ayaş: Atderesi, 1100m. 15 05 1999, A.Koçak & M.Kemal leg. - 1♂ 1♀ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 4♂ 06: Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg. - 2♂ 06: Yenimahalle: Lezgi, 1200m 12 07 1998, S.Seven leg. - 1♀ 12: Bingöl: Bingöl 13km E, 1350m. 09 07 2001, A.Koçak & M.Kemal leg. - 10♂ 1♀ 12: Yolçatı: Kuruca geçidi E (Yolçatı) 1700m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland openings.* - 1♂ 13: Tatvan: Kuzgunkırın geçidi, 2170m, 16 07 2004, M.Kemal & A.Koçak leg. - 1♂ 13: Tatvan: Kuzgunkırın geçidi, 2170m, 16 07 2004, M.Kemal & A.Koçak leg. *Tragacanthic degraded mountain steppe.* - 1♂ 38: Pınarbaşı: Pınarbaşı 2km W, 1580m. 26 06 2001, A.Koçak & M.Kemal leg. - 1♂ 44: Darende: Darende W, 1100m, 17 06 2006, M.Kemal & A.Koçak leg. - 1♂ 46: Göksun: Keklikoluk, 1700m, 06 06 2006, M.Kemal & A.Koçak leg. *Mountain steppe.* - 3♂ 49: Solhan: Buğlan geçidi E, 1650m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus-Vicia community.* - 3♂ 58: Gürün: Mazıkırın Geçidi, 1700m. 26 06 2001, A.Koçak & M.Kemal leg. - 1♂ 58: Gürün: Ziyaret Geçidi, 2000m, 17 07 2004, M.Kemal & A.Koçak leg. *Calcareous hilltops with Sedum album, S.semperfivoide, Astragalus, Acantholimon, Thymus subalpine mountain steppe.* - 1♂ 58: Gürün: Ziyaret Geçidi, 2000m, 17 07 2004, M.Kemal & A.Koçak leg. *Calcareous slopes with sporadic vegetation.* - 2♂ 58: Gürün: Ziyaret Geçidi, 2000m, 02 08 2004, M.Kemal & A.Koçak leg. *Calcareous hilltops with Sedum album, S.semperfivoide, Astragalus, Acantholimon, Thymus subalpine mountain steppe.* - 1♂ 65: Bahçesaray: Karabel Pass, 3000m. 14 07 2001, M.Kemal & A.Koçak leg. *Species inhabits at tragacanthic mountain steppe.* - 1♂ 65: Gevaş: Yoldöndü, Kuzgunkırın E, 2230m. 25 06 2001, A.Koçak & M.Kemal leg. - 11♂ 65: Gevaş: Malumkışiler geçidi, 2700m. 02 08 2002, A.Koçak, H.Özkol & L.Kayci leg. *Species inhabit in tragacanthic mountain steppe.* - 1♂ 65: Gürpınar: Yalınca Kaplıca, 2215m, 13 08 2006, M.Kemal & A.Koçak leg. - 2♂ 1♀ 65: Van: Zeve, Kampüs, 1700m. 19 06 2001, M.Kemal leg. - 1♂ 65: Çatak: Amata vadisi, 1550m. 09 06 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Karabel Pass, 2700m. 27 07 2001, M.Kemal & A.Koçak leg. *Species inhabits at tragacanthic mountain steppe.* - 1♂ 65: Çatak: Gölgepınar, 1400m. 19 06 2002, M.Kemal & A.Koçak leg.

**Plebejus (Lycaeides) idas** 2♂ 01: Tufanbeyli: Gezbeli E, Hanyeri W, 1885m, 06 06 2006, M.Kemal & A.Koçak leg. - 1♂ 13: Tatvan: Kuzgunkırın geçidi, 2170m, 16 07 2004, M.Kemal & A.Koçak leg. - 1♂ 13: Tatvan: Kuzgunkırın geçidi, 2170m, 16 07 2004, M.Kemal & A.Koçak leg. *Tragacanthic degraded mountain steppe.* - 3♂ 13: Tatvan: Reşadiye W, 1670m, 27 06 2006, M.Kemal & A.Koçak leg. - 1♂ 38: Pınarbaşı: Pınarbaşı 5km W, 1580m, 16 06 2006, M.Kemal & A.Koçak leg.

**Plebejus (Plebejidea) loewii** 1♂ 2♀ 06: Ayaş: Akyatak, 1250m. 07 07 2001, A.Koçak & M.Kemal leg. - 2♂ 12: Yolçatı: Kuruca geçidi E (Yolçatı) 1700m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland openings.* - 2♂ 13: Tatvan: Tatvan 30km E, 1800m. 25 06 2001, A.Koçak & M.Kemal leg. - 1♂ 13: Tatvan: Tatvan 57km E, 1920m. 25 06 2001, A.Koçak & M.Kemal leg. - 1♂ 1♀ 13: Tatvan: Güroymak 10km E, 1650m. 30 06 2002, M.Kemal & A.Koçak leg. - 11♂ 13: Tatvan: Güroymak 6km E, 1700m. 04 07 2002, M.Kemal & A.Koçak leg. - 1♂ 13: Tatvan: Kuzgunkırın geçidi, 2170m, 16 07 2004, M.Kemal & A.Koçak leg. *Tragacanthic degraded mountain steppe.* - 1♂ 13: Tatvan: Kuzgunkırın geçidi, 2170m, 16 07 2004, M.Kemal & A.Koçak leg. - 1♀ 13: Tatvan: Reşadiye W, 1670m, 27 06 2006, M.Kemal &

A.Koçak leg. - 1♂ 13: Tatvan: Reşadiye W, 1670m, 27 06 2006, M.Kemal & A.Koçak leg. - 1♂ 49: Muş: Buğlan geçidi, 1695m, 26 06 2004, M.Kemal & A.Koçak leg. - 1♂ 49: Solhan: Buğlan geçidi E, 1650m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus-Vicia community.* - 3♂ 3♀ 58: Gürün: Mazıkiran Geçidi 3km SE, 1650m, 17 07 2004, M.Kemal & A.Koçak leg. *Astragalus-Globularia steppe with sporadic Daphne, Crataegus, Rosa, Celtis scrubs.* - 2♂ 2♀ 58: Gürün: Ziyaret Geçidi, 2000m, 17 07 2004, M.Kemal & A.Koçak leg. *Calcareous slopes with sporadic vegetation.* - 2♂ 2♀ 58: Gürün: Ziyaret Geçidi, 2000m, 17 07 2004, M.Kemal & A.Koçak leg. *Calcareous hilltops with Sedum album, S.semperfivoideis, Astragalus, Acantholimon, Thymus subalpine mountain steppe.* - 6♂ 58: Gürün: Gürün 10km NW [3km SE Mazıkiran geçidi], 1650m, 17 07 2004, M.Kemal & A.Koçak leg. *Astragalus spp. Globularia Steppe, with sporadic Daphne, Crataegus, Rosa bushes.* - 10♂ 58: Gürün: Ziyaret Geçidi, 2000m, 02 08 2004, M.Kemal & A.Koçak leg. *Tragacanthic mountain steppe.* - 6♂ 58: Gürün: Ziyaret Geçidi, 2000m, 02 08 2004, M.Kemal & A.Koçak leg. *Calcareous hilltops with Sedum album, S.semperfivoideis, Astragalus, Acantholimon, Thymus subalpine mountain steppe.* - 2♂ 65: Gevaş: Malumkışiler geçidi, 2700m. 02 08 2002, A.Koçak, H.Özkol & L.Kayci leg. *Species inhabit in tragacanthic mountain steppe.* - 2♂ 65: Gürpınar: Yalınca Kaplıca, 2215m, 13 08 2006, M.Kemal & A.Koçak leg. - 1♂ 65: Van: Kurubaş geçidi, 2100m. 18 07 2001, M.Kemal & A.Koçak leg. *Butterflies inhabits in tragacanthic mountain steppe.* - 2♂ 65: Çatak: Şehzade Pınarı, 1350m. 13 07 2001, M.Kemal & A.Koçak leg. - 2♂ 65: Çatak: Kayabogaç S., Köprüaltı, 2100m. 28 07 2002, M.Kemal & A.Koçak leg.

<sup>6</sup>**Plebejus (Plebejides) sephirus- complex** 4♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20-21 05 2000, M.Kemal & A.Koçak leg. - 1♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20 05 2000, M.Kemal & A.Koçak leg. - 1♀ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 03 06 2000, M.Kemal & S.Seven leg. - 4♂ 2♀ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 4♂ 06: Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg. - 3♂ 06: Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.Koçak & M.Kemal leg. - 6♂ 13: Bitlis: Bitlis 10km SW, 1400m. 12 06 2002, M.Kemal & A.Koçak leg. - 2♂ 1♀ 13: Tatvan: Tatvan 30km E, 1800m. 25 06 2001, A.Koçak & M.Kemal leg. - 4♂ 13: Tatvan: Reşadiye 5km W, 1750m. 11 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland margins.* - 2♂ 46: Göksun: Keklikoluk, 1700m, 06 06 2006, M.Kemal & A.Koçak leg. *Mountain steppe.* - 2♂ 46: Göksun: B.Çamurlu- Yoğunoluk kavşağı, 1570m, 01 06 2007, M.Kemal & A.Koçak leg. - 1♂ 46: Göksun: Kanlıkavak E, 1420m, 01 06 2007, M.Kemal & A.Koçak leg. - 1♀ 49: Solhan: Buğlan geçidi E, 1650m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus-Vicia community.* - 1♂ 58: Gürün: Mazıkiran Geçidi, 1700m. 26 06 2001, A.Koçak & M.Kemal leg. - 1♂ 65: Gevaş: Kızıltaş 3km S., 1980m. 24 05 2001, M.Kemal & A.Koçak leg. - 4♂ 65: Gevaş: Göründü- Altınsaç arası, 1730-1800m. 02 06 2001, M.Kemal leg. - 4♂ 65: Gevaş: İnköy 4km E., 1860m. 02 06 2001, M.Kemal leg. - 1♂ 1♀ 65: Gevaş: Yoldöndü, Kuzgunkırın E, 2230m. 25 06 2001, A.Koçak & M.Kemal leg. - 2♂ 65: Gevaş: Göründü N., 1680m, 28 05 2009, A.Koçak & M.Kemal leg. - 3♂ 65: Gevaş: Göründü N., 1680m, 06 06 2009, A.Koçak & M.Kemal leg. - 9♂ 65: Gevaş: Altınsaç N, 1840m, 06 06 2009, A.Koçak & M.Kemal leg. - 1♂ 65: Gürpınar: Gölet, 2050m. 09 06 2002, A.Koçak, H.Özkol & L.Kayci leg. - 2♂ 65: Gürpınar: Çatakdbi, Cunkderesi, 2345m. 06 06 2007, M.Kemal & A.Koçak leg. - 1♂ 65: Van: Zeve, Kampüs, 1700m. 21 05 2001, M.Kemal & A.Koçak leg. - 11♂ 65: Van: Kurubaş geçidi N, 2100m. 10 06 2003, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Gevaş/Çatak sınırı, 2000m. 24 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Onağıl kavşağı, 2060m. 24 05 2001, M.Kemal & A.Koçak leg. - 3♂ 1♀ 65: Çatak: Narlı: Övecek, 1400m. 26 05 2001, M.Kemal & A.Koçak leg. - 2♂ 65: Çatak: Çatak 3km S., 1540m. 26 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Çatak 7km S., 1530m. 26 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Amata vadisi, 1550m. 09 06 2001, M.Kemal & A.Koçak leg. - 7♂ 65: Çatak: Amata vadisi, 1750m. 10 06 2001, M.Kemal & A.Koçak leg. - 8♂ 65: Çatak: Kayabogaç, Gültekçe, 2300m. 13 06 2001, M.Kemal & A.Koçak leg. *Species inhabits on Prangos, Ferula, Astragalus, Coronilla community.* - 1♀ 65: Çatak: Amata vadisi, 1600m. 15 06 2002, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Gölgepınar, 1500m. 15 06 2002, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Saklıvadi, 2050m. 15 06 2002, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Şehzade Pınarı, 1400m. 15 06 2002, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Kayabogaç S., Köprüaltı, 2100m. 28 07 2002, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Dalbastı 3km S, 1300m. 30 05 2003, M.Kemal & A.Koçak leg. *Butterflies feed on Onobrychis armena.* - 10♂ 65: Çatak: Amata vadisi, 1650m 02 06 2003, M.Kemal & A.Koçak leg. - 3♂ 65: Çatak: Amata vadisi, Boravin, 1550m. 07 06 2003, M.Kemal & A.Koçak leg. - 2♂ 65: Çatak: Kayabogaç, Gültekçe, 2200m. 07 06 2003,

<sup>6</sup> Identity of the Plebejides species in Turkey will be studied separately.

**Plebejus (Vacciniina) alcedo** 2♂ 13: Tatvan: Reşadiye W, 1670m, 27 06 2006, M.Kemal & A.Koçak leg. - 1♀ 65: Gürpınar: Yalınca Kaplica, 2215m, 13 08 2006, M.Kemal & A.Koçak leg. - 2♀ 65: Gürpınar: Kırkgeçit S., 2230m, 13 08 2006, M.Kemal & A.Koçak leg.

**Plebejus (Vacciniina) sp.** 2♂ 65: Çatak: Kayaboğaz S., Köprüaltı, 2100m. 28 07 2002, M.Kemal & A.Koçak leg.

**Plebejus (s.str.) argus** 1♂ 06: Yenimahalle: Memlik, Pinetum-Astragalo Brometea comm. 1400m 23 07 1998, A.Koçak & M.Kemal leg. - 1♀ 06: Yenimahalle: Karyağdı Dağı, Lezgi, 1200m. 19 05 1999, A.Koçak & M.Kemal leg. - 1♂ 06: Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.Koçak & M.Kemal leg. - 1♂ 06: Yenimahalle: Karyağdı Dağı, Lezgi, 1350m. 23 05 1999, A.Koçak & M.Kemal leg. - 2♂ 13: Tatvan: Tatvan 45km E, 1870m. 25 06 2001, A.Koçak & M.Kemal leg. - 5♂ 13: Tatvan: Kuzgunkırın geçidi, 2170m, 16 07 2004, M.Kemal & A.Koçak leg. - 5♂ 13: Tatvan: Kuzgunkırın geçidi, 2170m, 16 07 2004, M.Kemal & A.Koçak leg. *Tragacanthic degraded mountain steppe*. - 1♂ 13: Tatvan: Reşadiye W, 1670m, 27 06 2006, M.Kemal & A.Koçak leg. - 6♂ 13: Tatvan: Reşadiye W, 1670m, 27 06 2006, M.Kemal & A.Koçak leg. - 1♂ 1♀ 46: Göksun: B.Çamurlu- Yoğunoluk kavşağı, 1570m, 01 06 2007, M.Kemal & A.Koçak leg. - 1♂ 65: Bahçesaray: Karabel Pass, 3000m. 14 07 2001, M.Kemal & A.Koçak leg. *Species inhabits at tragacanthic mountain steppe*. - 11♂ 65: Gevaş: Malumkişiler geçidi, 2700m. 02 08 2002, A.Koçak, H.Özkol & L.Kayci leg. *Species inhabit in tragacanthic mountain steppe*. - 1♂ 1♀ 65: Gevaş: Malumkişiler geçidi, 2350m. 02 08 2002, A.Koçak, H.Özkol & L.Kayci leg. *Species inhabit in tragacanthic mountain steppe*. - 1♂ 65: Gürpınar: Yalınca Kaplica, 2215m, 13 08 2006, M.Kemal & A.Koçak leg. - 25♂ 65: Çatak: Karabel Pass, 2700m. 27 07 2001, M.Kemal & A.Koçak leg. *Species inhabits at tragacanthic mountain steppe*. - 4♂ 65: Çatak: Kayaboğaz S., Köprüaltı, 2100m. 28 07 2002, M.Kemal & A.Koçak leg.

**Polyommatus (Agrodiaetus) admetus** 2♂ 06: Yenimahalle: Memlik, Astragalo-Brometea stebi, 1200m 23 07 1998, A.Koçak & M.Kemal leg. - 1♂ 06: Yenimahalle: Memlik, Pinetum-Astragalo Brometea comm. 1400m 23 07 1998, A.Koçak & M.Kemal leg. - 1♂ 06: Yenimahalle: Memlik, Astragalo-Brometea stebi, 1200m 15 08 1998, A.Koçak & M.Kemal leg. - 1♂ 06: Yenimahalle: Memlik, 1300m 15 08 1998, A.Koçak & M.Kemal leg. - 1♂ 1♂ 06: Sincan: Ayaş Dağları E, 1150m. 07 07 2001, A.Koçak & M.Kemal leg. - 3♂: Pınarbaşı: Pınarbaşı, 1500m, 18 07 2004, A.Koçak & M.Kemal leg. *Rocky, grassy slopes with deciduous Quercus forest remnants*. - 3♂ 1♀ 71: Kırıkkale: Karakeçili 12km E, 1000m, 18 07 2004, M.Kemal & A.Koçak leg. *Grass steppe with dominant species Scabiosa argentea*.

**Polyommatus (Agrodiaetus) anticarmon** 1♂ 13: Tatvan: Reşadiye W, 1670m, 27 06 2006, M.Kemal & A.Koçak leg.

**Polyommatus (Agrodiaetus) antidolus** 1♂ 65: Gürpınar: Kırkgeçit S., 2230m, 13 08 2006, M.Kemal & A.Koçak leg.

**Polyommatus (Agrodiaetus) aserbeidschanus turcicola** 1♂ 65: Gürpınar: Gölardı, 2350m. 10 08 2001, M.Kemal & A.Koçak leg. *Species inhabits on Juncus, Carex, Mentha, Cirsium community*.

**Polyommatus (Agrodiaetus) damone ssp** 2♂ 06: Yenimahalle: Lezgi, 1200m 12 07 1998, S.Seven leg.

**Polyommatus (Agrodiaetus) demavendi** 3♂ 06: Ayaş: Akyatak, 1250m. 07 07 2001, A.Koçak & M.Kemal leg. - 3♂ 1♀ 06: Yenimahalle: Memlik, Astragalo-Brometea stebi, 1300m 12 07 1998, S.Seven leg. - 1♀ 06: Yenimahalle: Lezgi, 1200m 12 07 1998, S.Seven leg. - 2♂ 1♀ 06: Yenimahalle: Memlik, 1300m 18 07 1998, A.Koçak & M.Kemal leg. - 5♂ 1♀ 06: Yenimahalle: Memlik, Astragalo-Brometea stebi, 1200m 23 07 1998, A.Koçak & M.Kemal leg. - 2♂ 2♀ 06: Yenimahalle: Memlik, Pinetum-Astragalo Brometea comm. 1400m 23 07 1998, A.Koçak & M.Kemal leg. - 4♂ 13: Tatvan: Kuzgunkırın geçidi, 2170m, 16 07 2004, M.Kemal & A.Koçak leg. *Tragacanthic degraded mountain steppe*. - 3♂ 38: Pınarbaşı: Pınarbaşı, 1500m, 18 07 2004, A.Koçak & M.Kemal leg. *Rocky, grassy slopes with deciduous Quercus forest remnants*. - 3♂ 1♀ 44: Darende: Darende W, 1100m, 17 06 2006, M.Kemal & A.Koçak leg. - 1♂ 58: Gürün: Ziyaret Geçidi, 2000m, 02 08 2004, M.Kemal & A.Koçak leg. *Calcareous hilltops with Sedum album, S.semperfivoide, Astragalus, Acantholimon, Thymus subalpine mountain steppe*. - 1♂ 65: Gürpınar: Gölardı, 2350m. 10 08 2001, M.Kemal & A.Koçak leg. *Species inhabits on Juncus, Carex, Mentha, Cirsium community*. - 1♂ 65: Gürpınar: Yukarı Eğimli, 2230m, 13 08 2006, M.Kemal & A.Koçak leg. - 1♂ 65: Gürpınar: Yukarı Acısı,

2070m, 13 08 2006, M.Kemal & A.Koçak leg. - 8♂♀ **65**: Gürpınar: Kırkgeçit S., 2230m, 13 08 2006, M.Kemal & A.Koçak leg. - 10♂♀ **65**: Çatak: Şehzade Pınarı, 1350m. 13 07 2001, M.Kemal & A.Koçak leg.

**Polyommatus (Agrodiaetus) eurypilos eurypilos** 1♂ **38**: Pınarbaşı: Pınarbaşı 2km W, 1580m. 26 06 2001, A.Koçak & M.Kemal leg.

**Polyommatus (Agrodiaetus) iphigenia** 1♂ **06**: Yenimahalle: Memlik, 1200m 18 07 1998, A.Koçak & M.Kemal leg. - 2♂ 1♀ **06**: Yenimahalle: Memlik, Pinetum-Astragalo Brometea comm. 1400m 23 07 1998, A.Koçak & M.Kemal leg.

**Polyommatus (Agrodiaetus) kurdistanicus** 2♂ **65**: Edremit: Doğanlar, 1900m. 18 07 2001, M.Kemal & A.Koçak leg. - 3♂ **65**: Gürpınar: Yukarı Eğimli, 2230m, 13 08 2006, M.Kemal & A.Koçak leg. - 2♂ **65**: Gürpınar: Yalınca Kaplıca, 2215m, 13 08 2006, M.Kemal & A.Koçak leg. - 5♂ **65**: Gürpınar: Kırkgeçit S., 2230m, 13 08 2006, M.Kemal & A.Koçak leg. - 1♂ **65**: Çatak: Kayabogaz S., Köprüaltı, 2100m. 28 07 2002, M.Kemal & A.Koçak leg.

**Polyommatus (Agrodiaetus) menalcas** 5♂ **06**: Yenimahalle: Memlik, Pinetum-Astragalo Brometea comm. 1400m 23 07 1998, A.Koçak & M.Kemal leg. - 1♂ **58**: Gürün: Gürün 10km NW [3km SE Mazıkiran geçidi], 1650m, 17 07 2004, M.Kemal & A.Koçak leg. *Astragalus spp. Globularia Steppe, with sporadic Daphne, Crataegus, Rosa bushes.* - 1♂ 1♀ **71**: Kırıkkale: Karakeçili 12km E, 1000m, 18 07 2004, M.Kemal & A.Koçak leg. *Grass steppe with dominant species Scabiosa argentea.*

**Polyommatus (Agrodiaetus) poseidon** 1♂ **06**: Yenimahalle: Memlik, 1300m 15 08 1998, A.Koçak & M.Kemal leg. - 1♂ **38**: Pınarbaşı: Pınarbaşı, 1500m, 18 07 2004, A.Koçak & M.Kemal leg. *Rocky, grassy slopes with deciduous Quercus forest remnants.* - 2♂ **44**: Darende: Darende W, 1100m, 17 06 2006, M.Kemal & A.Koçak leg. - 1♂ **44**: Darende: Darende W, 1100m, 17 06 2006, M.Kemal & A.Koçak leg. - 5♂ **58**: Gürün: Gürün 10km NW [3km SE Mazıkiran geçidi], 1650m, 17 07 2004, M.Kemal & A.Koçak leg. *Astragalus spp. Globularia Steppe, with sporadic Daphne, Crataegus, Rosa bushes.* - 5♂ **58**: Gürün: Mazıkiran Geçidi 3km SE, 1650m, 17 07 2004, M.Kemal & A.Koçak leg. *Astragalus-Globularia steppe with sporadic Daphne, Crataegus, Rosa, Celtis scrubs.* - 1♂ **38**: Pınarbaşı: Pınarbaşı 2km W, 1580m. 26 06 2001, A.Koçak & M.Kemal leg.

**Polyommatus (Agrodiaetus) ripartii** 1♂ **38**: Pınarbaşı: Pınarbaşı 2km W, 1580m. 26 06 2001, A.Koçak & M.Kemal leg. - 5♂♀ **44**: Darende: Darende W, 1100m, 17 06 2006, M.Kemal & A.Koçak leg. - 4♂♀ **58**: Gürün: Gürün 10km NW [3km SE Mazıkiran geçidi], 1650m, 17 07 2004, M.Kemal & A.Koçak leg. *Astragalus spp. Globularia Steppe, with sporadic Daphne, Crataegus, Rosa bushes.* - 1♂ 2♀ **58**: Gürün: Mazıkiran Geçidi 3km SE, 1650m, 17 07 2004, M.Kemal & A.Koçak leg. *Astragalus-Globularia steppe with sporadic Daphne, Crataegus, Rosa, Celtis scrubs.* - 2♂♀ **65**: Gürpınar: Derindere, 2020m, 13 08 2006, M.Kemal & A.Koçak leg. - 4♂♀ **65**: Gürpınar: Yukarı Eğimli, 2230m, 13 08 2006, M.Kemal & A.Koçak leg. - **Polyommatus (Agrodiaetus) ripartii paralcestis** 1♂ 2♀ **06**: Ayaş: Akyatak, 1250m. 07 07 2001, A.Koçak & M.Kemal leg. - 1♀ **06**: Sincan: Ayaş Dağları E, 1150m. 07 07 2001, A.Koçak & M.Kemal leg.

**Polyommatus (Agrodiaetus) siegberti** 4♂ **44**: Darende: Darende W, 1100m, 17 06 2006, M.Kemal & A.Koçak leg. - 2♂ 2♀ **58**: Gürün: Mazıkiran Geçidi, 1700m. 26 06 2001, A.Koçak & M.Kemal leg. - 6♂ 3♀ **58**: Gürün: Ziyaret Geçidi, 2000m, 17 07 2004, M.Kemal & A.Koçak leg. *Calcareous slopes with sporadic vegetation.* - 6♂ 3♀ **58**: Gürün: Ziyaret Geçidi, 2000m, 17 07 2004, M.Kemal & A.Koçak leg. *Calcareous hilltops with Sedum album, S.semperfivoide, Astragalus, Acantholimon, Thymus subalpine mountain steppe.* - 3♂ **58**: Gürün: Mazıkiran Geçidi 3km SE, 1650m, 17 07 2004, M.Kemal & A.Koçak leg. *Astragalus-Globularia steppe with sporadic Daphne, Crataegus, Rosa, Celtis scrubs.* - 6♂♀ **58**: Gürün: Gürün 10km NW [3km SE Mazıkiran geçidi], 1650m, 17 07 2004, M.Kemal & A.Koçak leg. *Astragalus spp. Globularia Steppe, with sporadic Daphne, Crataegus, Rosa bushes.* - 8♂♀ **58**: Gürün: Ziyaret Geçidi, 2000m, 02 08 2004, M.Kemal & A.Koçak leg. *Tragacanthic mountain steppe.* - 8♂♀ **58**: Gürün: Ziyaret Geçidi, 2000m, 02 08 2004, M.Kemal & A.Koçak leg. *Calcareous hilltops with Sedum album, S.semperfivoide, Astragalus, Acantholimon, Thymus subalpine mountain steppe.*

**Polyommatus (Agrodiaetus) surakovi** 1♂ **13**: Tatvan: Reşadiye W, 1670m, 27 06 2006, M.Kemal & A.Koçak leg.

**Polyommatus (Agrodiaetus) vanensis** 3♀ **65**: Van: Erek Dağı: Kokuludere, 2250m. 10 08 2001, M.Kemal & A.Koçak leg. *Species inhabits on Juncus, Carex, Mentha, Cirsium community.*

**Polyommatus (Agrodiaetus) wagneri** 1♂ 06: Yenimahalle: Memlik, Pinetum-Astragalo Brometea comm. 1400m 23 07 1998, A.Koçak & M.Kemal leg.

**Polyommatus (Aricia) agestis** 6♂♀ 06: Ayaş: Atderesi, 1100m. 15 05 1999, A.Koçak & M.Kemal leg. - 2♂♀ 06: Ayaş: Akyatak, 1200m. 15 05 1999, A.Koçak & M.Kemal leg. - 4♂ 06: Kızılcahamam: Soğuksu, 1000-1300m 29 05 1999, M.Kemal & B.Koçak leg. - 2♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 04 05 2000, A.Koçak & M.Kemal leg. - 1♀ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 07 05 2000, A.Koçak & M.Kemal leg. - 3♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 11 05 2000, S.Seven & M.Kemal leg. - 2♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20 05 2000, M.Kemal & A.Koçak leg. - 9♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20-21 05 2000, M.Kemal & A.Koçak leg. - 3♂ 1♀ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 1♀ 06: Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg. - 22♂♀ 06: Yenimahalle: Memlik, Pinetum-Astragalo Brometea comm. 1400m 23 07 1998, A.Koçak & M.Kemal leg. - 1♀ 06: Yenimahalle: Memlik, Kayalik, 1170m 23 07 1998, A.Koçak & M.Kemal leg. - 1♂ 06: Yenimahalle: Memlik, Astragalo-Brometea stebi, 1200m 15 08 1998, A.Koçak & M.Kemal leg. - 1♂ 1♀ 06: Yenimahalle: Lezgi, 1150-1200m 08 05 1999, A.Koçak & M.Kemal leg. - 1♂ 06: Çubuk: Muhabbetçayı, 1420m. 16 05 1999, A.Koçak & M.Kemal leg. - 3♂ 11: Bilecik: Tünel N, 0520m, 25 04 2007, M.Kemal & A.Koçak leg. *woodland openings, orchards on foothills*. - 1♂ 12: Solhan: Yenidal köyü, 1320m. 25 06 2001, A.Koçak & M.Kemal leg. - 5♂♀ 12: Yolçatı: Kuruca geçidi E (Yolçatı) 1700m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland openings*. - 2♂ 13: Bitlis: Bitlis 10km SW, 1400m. 12 06 2002, M.Kemal & A.Koçak leg. - 1♂ 13: Bitlis: Baykan 37km NW, 1350m, 04 06 2006, M.Kemal & A.Koçak leg. - 1♀ 13: Tatvan: Tatvan 30km E, 1800m. 25 06 2001, A.Koçak & M.Kemal leg. - 1♂ 13: Tatvan: Reşadiye 5km W, 1750m. 11 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland margins*. - 1♀ 13: Tatvan: Nemrut Krateri, İlhkgöl, 2280m, 09 06 2007, H.Özkol, L.Kayci, M.Kemal, A.Koçak leg. - 4♂ 23: Baskil: Topalkem 4km, 0770m, 02 06 2007, M.Kemal & A.Koçak leg. - 2♂ 1♀ 23: Başyurt: Başyurt, 1050m. 25 06 2001, A.Koçak & M.Kemal leg. - 1♂ 30: Şemdinli: Karaağac, 1500m. 19 05 2003, M.Kemal leg. - 1♂ 31: Yayladağı: Yayladağı, 0450m, 09 04 2005, M.Kemal leg. - 1♂ 33: Tarsus: Tarsus 40km N, 0600m, 12 06 2005, A.Koçak & M.Kemal leg. - 1♂ 1♀ 46: Göksun: Tekir N., Kurucaova, 1350m, 06 06 2006, M.Kemal & A.Koçak leg. - 1♂ 46: Göksun: B.Çamurlu- Yoğunoluk kavşağı, 1570m, 01 06 2007, M.Kemal & A.Koçak leg. - 1♂ 46: Göksun: Kanlıkavak E, 1420m, 01 06 2007, M.Kemal & A.Koçak leg. - 1♂ 47: Nusaybin: Marine, 0600m, 02 04 2005, I.Akdeniz leg. *inhabits on arable fields*. - 2♂ 47: Nusaybin: Kalecik, 0600m, 03 04 2005, M.Kemal leg. - 1♀ 49: Muş: Buglan geçidi, 1600m, 16 07 2004, M.Kemal & A.Koçak leg. - 1♀ 49: Muş: Buglan geçidi, 1695m, 16 07 2004, M.Kemal & A.Koçak leg. *Openings of the remnant Quercus forest*. - 65: Gevaş: Altinsaç N, 1840m, 06 06 2009, A.Koçak & M.Kemal obs. - 1♂ 65: Çatak: Çatak 1km S., 1600m. 19 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Çatak 6km S., 1540m. 24 05 2001, M.Kemal & A.Koçak leg. - 2♂ 65: Çatak: Narlı, Dalbastı, 1750m. 25 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Çatak 5km S., 1540m. 25 05 2001, M.Kemal & A.Koçak leg. - 1♂ 1♀ 65: Çatak: Çatak 6km S., 1540m. 25 05 2001, M.Kemal & A.Koçak leg. - 2♂ 65: Çatak: Çatak 3km S., 1540m. 26 05 2001, M.Kemal & A.Koçak leg. - 3♂ 65: Çatak: Amata vadisi, 1550m. 09 06 2001, M.Kemal & A.Koçak leg. - 4♂♀ 65: Çatak: Şehzade Pınarı, 1350m. 13 07 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Şehzade Pınarı, 1400m. 15 06 2002, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Büyükağaç, 1400m. 19 06 2002, M.Kemal & A.Koçak leg. *Species inhabit in the openings of Quercus-Paliurus woodlands*. - 2♂ 65: Çatak: Dalbastı 3km S, 1300m, 30 04 2005, M.Kemal & A. Koçak leg. - 2♂ 65: Çatak: Şehzade Pınarı, 1350m, 30 04 2005, M.Kemal & A. Koçak leg.

**Polyommatus (Aricia) isauricus** 1♂ 44: Darende: Darende W, 1100m, 17 06 2006, M.Kemal & A.Koçak leg.

**Polyommatus (Cyaniris) antiochenus** 2♂ 31: Şenköy, Yukarı Uçlar, 0470m, 20 04 2007, M.Kemal & A.Koçak leg. *Margin of degraded macchie vegetation*. - **Polyommatus (Cyaniris) antiochenus** ssp. 4♂ 38: Develi: Gezbeli W, 1910m, 31 05 2007, M.Kemal & A.Koçak leg. - ? 4♂ 46: Göksun: B.Çamurlu- Yoğunoluk kavşağı, 1570m, 01 06 2007, M.Kemal & A.Koçak leg. - ? 7♂ 46: Göksun: Kanlıkavak E, 1420m, 01 06 2007, M.Kemal & A.Koçak leg. - ? 3♂ 46: Göksun: Keklikoluk, 1700m, 06 06 2006, M.Kemal & A.Koçak leg. *Mountain steppe*. - **Polyommatus (Cyaniris) antiochenus** *nurmuhemmet* 2♂ 30: Şemdinli: Şapatan geçidi S, 1700m. 19 05 2003, M.Kemal leg. - 1♂ 65: Çatak: Narlı, Dalbastı, 1750m. 25 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Narlı Konalga meşeliği, 1800m. 26 05 2001, M.Kemal & A.Koçak leg. - 2♂ 65: Çatak: Narlı: Övecek, 1400m. 26 05 2001, M.Kemal &

A.Koçak leg. - 1♂ **65**: Çatak: Atlıhan, 1200m. 17 05 2003, A.Koçak & M.Kemal leg. *Rocky stony mountain slope covered by degraded mixed forest (Quercus, Celtis, Prunus, Crataegus) with degraded malacophyllous plants and grasses.* - 4♂ 2♀ **65**: Çatak: Dalbastı 3km S, 1300m. 17 05 2003, M.Kemal & A. Koçak leg. *Hilly place covered by mixed forest (Quercus, Crataegus, Prunus, Acer, Celtis), with malacophyllous plants and grasses.* - 1♂ 3♀ **65**: Çatak: Dalbastı meşeliği, 1650m. 07 06 2003, M.Kemal & A.Koçak leg.

**Polyommatus (Cyaniris) bellis** 1♂ **06**: Ayaş: Atderesi, 1100m. 15 05 1999, A.Koçak & M.Kemal leg. - **06**: Ayaş: Ayaş Dağları, Mülk, 1060m, 30 05 2007, M.Kemal obs. - 1♂ **06**: Kızılcahamam: Soğuksu, 1000-1300m 29 05 1999, M.Kemal & B.Koçak leg. - 8♂ **06**: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 1♂ **06**: Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg. - 1♂ **13**: Tatvan: Reşadiye 5km W, 1750m. 11 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland margins.* 1♂ **58**: Gürün: Mazikiran geçidi, 1800m, 27 05 2007, M.Kemal leg. - 1♂ 1♀ **65**: Gevaş: Göründü N., 1680m, 28 05 2009, A.Koçak & M.Kemal leg. - 1♂ **65**: Çatak: Gevaş/Çatak sınırı, 2000m. 24 05 2001, M.Kemal & A.Koçak leg.

**Polyommatus (Eumedonia) eumedon aladaghensis** 1♂ **46**: Göksun: B.Çamurlu- Yoğunoluk kavşağı, 1570m, 01 06 2007, M.Kemal & A.Koçak leg.

**Polyommatus (Lysandra) bellargus** 1♂ **01**: Tufanbeyli: Gezbeli E, Hanyeri W, 1885m, 06 06 2006, M.Kemal & A.Koçak leg. - **06**: Ayaş: Ayaş Dağları, Mülk, 1060m, 30 05 2007, M.Kemal obs. - 3♂ **06**: Ayaş: Akyatak, 1200m. 15 05 1999, A.Koçak & M.Kemal leg. - 21♂ **06**: Ayaş: Atderesi, 1100m. 15 05 1999, A.Koçak & M.Kemal leg. - 4♂ **06**: Kızılcahamam: Soğuksu, 1000-1300m 29 05 1999, M.Kemal & B.Koçak leg. - 6♂ **06**: Sincan: Mülk, Ayaş Dağları E., 1000m. 11 05 2000, S.Seven & M.Kemal leg. - 95♂ **06**: Sincan: Mülk, Ayaş Dağları E., 1000m. 20 05 2000, M.Kemal & A.Koçak leg. - 145♂ **06**: Sincan: Mülk, Ayaş Dağları E., 1000m. 20-21 05 2000, M.Kemal & A.Koçak leg. - 1♂ (in VC) **06**: Sincan: Mülk, Ayaş Dağları E., 1000m. 03 06 2000, M.Kemal & S.Seven obs. - 4♂ 2♀ **06**: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 5♂ **06**: Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg. - 1♂ **06**: Sincan: Mülk, Ayaş Mts. E., 1150m 06 08 2000, A.Koçak & M.Kemal leg. - 2♂ **06**: Yenimahalle: Memlik, Astragalo-Brometea stebi, 1200m 23 07 1998, A.Koçak & M.Kemal leg. - 1♂ **06**: Yenimahalle: Memlik, Pinetum-Astragalo Brometea comm. 1400m 23 07 1998, A.Koçak & M.Kemal leg. - 5♂ 2♀ **06**: Yenimahalle: Memlik, Astragalo-Brometea stebi, 1200m 15 08 1998, A.Koçak & M.Kemal leg. - 1♀ **06**: Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.Koçak & M.Kemal leg. - 1♂ **06**: Çubuk: Kuruçay, 1300m. 16 05 1999, A.Koçak & M.Kemal leg. - 1♂ **06**: Çubuk: Aydos Dağı, 1650-1800m. 16 05 1999, A.Koçak & M.Kemal leg. - 1♂ **06**: Çubuk: Aydos Dağı: Deremhisar, 1650m. 16 05 1999, A.Koçak & M.Kemal leg. - 2♂ **06**: Çubuk: Muhabbetçayı, 1420m. 16 05 1999, A.Koçak & M.Kemal leg. - 3♂ **13**: Bitlis: Bitlis 10km SW, 1400m. 12 06 2002, M.Kemal & A.Koçak leg. - 1♂ **13**: Tatvan: Tatvan 57km E, 1920m. 25 06 2001, A.Koçak & M.Kemal leg. - 1♂ **13**: Tatvan: Reşadiye 5km W, 1750m. 11 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland margins.* - 3♂ **38**: Melikgazi: Erciyes, Hisarcık, 1820m, 31 05 2007, M.Kemal & A.Koçak leg. - 2♂ **38**: Pınarbaşı: Pınarbaşı 5km W, 1580m, 16 06 2006, M.Kemal & A.Koçak leg. - 1♂ **46**: Göksun: B.Çamurlu- Yoğunoluk kavşağı, 1570m, 01 06 2007, M.Kemal & A.Koçak leg. - 1♂ **46**: Göksun: Kanlıkavak E, 1420m, 01 06 2007, M.Kemal & A.Koçak leg. - 1♂ **65**: Gevaş: Malumkışiler geçidi, 2700m. 02 08 2002, A.Koçak, H.Özkol & L.Kayci leg. *Species inhabit in tragacanthic mountain steppe.* - 5♂ 1♀ **65**: Çatak: Çatak 1km S., 1600m. 19 05 2001, M.Kemal & A.Koçak leg. - 1♂ **65**: Çatak: Çatak 6km S., 1540m. 24 05 2001, M.Kemal & A.Koçak leg. - 1♂ **65**: Çatak: Çatak 5km S., 1540m. 25 05 2001, M.Kemal & A.Koçak leg. - 1♂ **65**: Çatak: Çatak 6km S., 1540m. 25 05 2001, M.Kemal & A.Koçak leg. - 1♂ **65**: Çatak: Narlı: Övecek, 1400m. 26 05 2001, M.Kemal & A.Koçak leg. - 2♂ **65**: Çatak: Çatak 7km S., 1530m. 26 05 2001, M.Kemal & A.Koçak leg. - 2♂ 1♀ **65**: Çatak: Amata vadisi, 1750m. 10 06 2001, M.Kemal & A.Koçak leg. - 1♂ **65**: Çatak: Şehzade Pınarı, 1400m. 15 06 2002, M.Kemal & A.Koçak leg. - **65**: Çatak: Şehzade Pınarı, 1350m. 30 05 2003, M.Kemal & A.Koçak obs.

**Polyommatus (Lysandra) corydonius caucasicus** 4♂ 2♀ **65**: Gürpınar: Gölardi, 2350m. 10 08 2001, M.Kemal & A.Koçak leg. *Species inhabits on Juncus, Carex, Mentha, Cirsium community.* - 1♀ **65**: Gürpınar: Yalınca Kaplica, 2215m, 13 08 2006, M.Kemal & A.Koçak leg.

**Polyommatus (Lysandra) ossmar ankara** 1♂ **06**: Yenimahalle: Memlik, Astragalo-Brometea stebi, 1200m 23 07 1998, A.Koçak & M.Kemal leg.

**Polyommatus (Meleageria) daphnis** 2♂ 06: Sincan: Ayaş Dağları E, 1150m. 07 07 2001, A.Koçak & M.Kemal leg. - 5♂ 1♀ 06: Yenimahalle: Lezgi, 1200m 12 07 1998, S.Seven leg. - 1♂ 06: Yenimahalle: Memlik, 1300m 18 07 1998, A.Koçak & M.Kemal leg. - 1♂ 1♀ 38: Pınarbaşı: Pınarbaşı, 1500m, 18 07 2004, A.Koçak & M.Kemal leg. *Rocky, grassy slopes with deciduous Quercus forest remnants.* - 4♂ 1♀ 65: Gürpınar: Gölardi, 2350m. 10 08 2001, M.Kemal & A.Koçak leg. *Species inhabits on Juncus, Carex, Mentha, Cirsium community.* - 1♂ 65: Gürpınar: Derindere, 2020m, 13 08 2006, M.Kemal & A.Koçak leg. - 5♂ 3♀ 65: Gürpınar: Yukarı Eğimli, 2230m, 13 08 2006, M.Kemal & A.Koçak leg. - 1♂ 65: Gürpınar: Yalınca Kaplıca, 2215m, 13 08 2006, M.Kemal & A.Koçak leg. - 2♂ 65: Gürpınar: Kırkgeçit S., 2230m, 13 08 2006, M.Kemal & A.Koçak leg. - 19♂ 65: Edremit: Doğanlar, 1900m. 18 07 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Gevaş: Malumkışiler geçidi, 2500m. 02 08 2002, A.Koçak, H.Özkol & L.Kayci leg. *Species inhabit in tragacanthic mountain steppe.* - 1♂ 65: Gevaş: Malumkışiler geçidi, 2350m. 02 08 2002, A.Koçak, H.Özkol & L.Kayci leg. *Species inhabit in tragacanthic mountain steppe.* - 8♂ 1♀ 65: Van: Kurubaş geçidi, 2100m. 18 07 2001, M.Kemal & A.Koçak leg. *Butterflies inhabit in tragacanthic mountain steppe.* - 1♀ 65: Van: Erek Dağı: Kokuludere, 2250m. 10 08 2001, M.Kemal & A.Koçak leg. *Species inhabits on Juncus, Carex, Mentha, Cirsium community.* - 2♂ 2♀ 65: Çatak: Şehzade Pınarı, 1350m. 13 07 2001, M.Kemal & A.Koçak leg. - 8♂ 65: Çatak: Kayabogaç S., Köprüaltı, 2100m. 28 07 2002, M.Kemal & A.Koçak leg.

**Polyommatus (Neolysandra) ponticus** 10♂ 06: Kızılcahamam: Soğuksu, 1000-1300m 29 05 1999, M.Kemal & B.Koçak leg. - 3♂ 06: Ayaş: Ayaş Dağları, Mülk, 1210-1250m, 30 05 2007, M.Kemal & A.Koçak leg. *Butterflies sip nectar of Vicia cracca.* - 3♂ 46: Göksun: Tekir N., Kurucaova, 1350m, 06 06 2006, M.Kemal & A.Koçak leg.

**Polyommatus (Neolysandra) coelestinus** 1♂ 65: Gevaş: Kuzgunkırın geçidi, 2250m 26 06 2004, M.Kemal & A.Koçak leg. - 4♂ 65: Gürpınar: Çatakdbi, Cunkderesi, 2345m. 06 06 2007, M.Kemal & A.Koçak leg. - 2♂ 65: Çatak: Amata vadisi, 1650m 02 06 2003, M.Kemal & A.Koçak leg. - **Polyommatus (Neolysandra) coelestinus alticola** 1♂ 65: Çatak: Amata vadisi, 1600m. 19 06 2002, M.Kemal & A.Koçak leg. - 12♂ 65: Çatak: Kayabogaç, Gültekçe, 2300m. 10 06 2001, M.Kemal & A.Koçak leg. *Species inhabits on Prangos, Ferula, Astragalus, Coronilla community.* - 43♂ 65: Çatak: Kayabogaç, Gültekçe, 2300m. 13 06 2001, M.Kemal & A.Koçak leg. *Species inhabits on Prangos, Ferula, Astragalus, Coronilla community.*

**Polyommatus (Plebicula) amandus gina** 3♂ 65: Gevaş: Altinsaç N, 1840m, 06 06 2009, A.Koçak & M.Kemal leg. - 2♂ 65: Gevaş: İnköy 4km E., 1860m. 02 06 2001, M.Kemal leg. - 1♂ 65: Van: Zeve, Kampüs, 1700m. 25 05 2001, M.Kemal & A.Koçak leg. - 1♂ 1♀ 65: Çatak: Çatak 6km S., 1540m. 24 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Narlı, Dalbastı, 1750m. 25 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Çatak 6km S., 1540m. 25 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Amata vadisi, 1550m. 09 06 2001, M.Kemal & A.Koçak leg. - 4♂ 1♀ 65: Çatak: Amata vadisi, 1750m. 10 06 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Amata vadisi, 1600m. 15 06 2002, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Saklıvadi, 2050m. 15 06 2002, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Amata vadisi, 1600m. 19 06 2002, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Dalbastı 3km S, 1300m. 30 05 2003, M.Kemal & A.Koçak leg. -

**Polyommatus (Plebicula) amandus orientalis** 06: Ayaş: Ayaş Dağları, Mülk, 1060m, 30 05 2007, M.Kemal obs. - 2♂ 06: Ayaş: Ayaş Dağları, Mülk, 1210-1250m, 30 05 2007, M.Kemal & A.Koçak leg. *Butterflies sip nectar of Vicia cracca.* - 10♂ 06: Kızılcahamam: Soğuksu, 1000-1300m 29 05 1999, M.Kemal & B.Koçak leg. - 1♀ 06: Yenimahalle: Karyağıdı Dağı, Lezgi, 1350m. 23 05 1999, A.Koçak & M.Kemal leg. - 1♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20 05 2000, M.Kemal & A.Koçak leg. - 1♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20-21 05 2000, M.Kemal & A.Koçak leg. - 9♂ 2♀ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 2♂ 06: Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg. 1♂ 12: Bingöl: Bingöl 8km W, 1350m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland and butterfly feeds on Thymus.* - 2♂ 12: Yolçatı: Kuruca geçidi E (Yolçatı) 1700m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland openings.* - 2♂ 13: Tatvan: Tatvan 30km E, 1800m. 25 06 2001, A.Koçak & M.Kemal leg. - 2♂ 13: Tatvan: Tatvan 57km E, 1920m. 25 06 2001, A.Koçak & M.Kemal leg. - 3♂ 13: Tatvan: Reşadiye 5km W, 1750m. 11 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland margins.* - 2♂ 46: Göksun: Tekir N., Kurucaova, 1350m, 06 06 2006, M.Kemal & A.Koçak leg. - 3♂ 2♀ 49: Solhan: Buğlan geçidi E, 1650m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus-Vicia community.*

**Polyommatus (Sublysandra) cornelius** 1♀ 06: Ayaş: Akyatak, 1250m. 07 07 2001, A.Koçak & M.Kemal leg. - 1♂ 06: Ayaş: Akyatak, 1200m. 15 05 1999, A.Koçak & M.Kemal leg. - 1♂ 06: Ayaş: Akyatak, 1200m. 15 05 1999, A.Koçak & M.Kemal leg. - 3♂ 06: Ayaş: Atderesi, 1100m. 15 05 1999, A.Koçak & M.Kemal leg. - 23♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 07 05 2000, A.Koçak & M.Kemal leg. - 13♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 11 05 2000, S.Seven & M.Kemal leg. - 1♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20 05 2000, M.Kemal & A.Koçak leg. - 1♀ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 03 06 2000, M.Kemal & S.Seven leg. - 1♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 1♀ 06: Sincan: Mülk, Ayaş Mts. E., 1150m 06 08 2000, A.Koçak & M.Kemal leg. - 1♂ 5♀ 06: Sincan: Ayaş Dağları E., 1150m. 07 07 2001, A.Koçak & M.Kemal leg. - 3♂ 1♀ 06: Yenimahalle: Lezgi, 1200m 12 07 1998, S.Seven leg. - 1♂ 06: Yenimahalle: Memlik, 1200m 18 07 1998, A.Koçak & M.Kemal leg. - 4♂ 1♀ 06: Yenimahalle: Memlik, Pinetum-Astragalo Brometea comm. 1400m 23 07 1998, A.Koçak & M.Kemal leg. - 2♂ 06: Yenimahalle: Memlik, Kayalik, 1170m 23 07 1998, A.Koçak & M.Kemal leg. - 1♀ 06: Yenimahalle: Karyağılı Dağı, Memlik, 1200m. 22 05 1999, A.Koçak & M.Kemal leg. - 4♂ 2♀ 38: Develi: Gezbeli W, 1910m, 31 05 2007, M.Kemal & A.Koçak leg. *Butterfly sips nectar from Aethionema sp.* - 2♂ 38: Melikgazi: Erciyes, Hisarcık, 1820m, 31 05 2007, M.Kemal & A.Koçak leg. - 9♂ 46: Göksun: B.Çamurlu-Yoğunoluk kavşağı, 1570m, 01 06 2007, M.Kemal & A.Koçak leg.

**Polyommatus (Sublysandra) myrrhus** 4♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 2♂ 06: Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg.

**Polyommatus (Thersitesia) thersites** 1♂ 06: Ayaş: Atderesi, 1100m. 15 05 1999, A.Koçak & M.Kemal leg. - 7♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20 05 2000, M.Kemal & A.Koçak leg. - 13♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20-21 05 2000, M.Kemal & A.Koçak leg. - 1♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 1♀ 06: Yenimahalle: Lezgi, 1200m 12 07 1998, S.Seven leg. - 2♂ 1♀ 06: Yenimahalle: Memlik, Astragalo-Brometea stebi, 1200m 23 07 1998, A.Koçak & M.Kemal leg. - 24♂ 06: Yenimahalle: Memlik, Pinetum-Astragalo Brometea comm. 1400m 23 07 1998, A.Koçak & M.Kemal leg. - 4♂ 06: Yenimahalle: Karyağılı Dağı, Memlik, 1200m. 22 05 1999, A.Koçak & M.Kemal leg. - 1♂ 23: Başyurt: Başyurt, 1050m. 25 06 2001, A.Koçak & M.Kemal leg. - 1♂ 38: Pınarbaşı: Pınarbaşı, 1500m, 18 07 2004, A.Koçak & M.Kemal leg. *Rocky, grassy slopes with deciduous Quercus forest remnants.* - 1♂ 58: Gürün: Höyükliyurt, 1700m 27 06 2004, M.Kemal & A.Koçak leg. - 3♂ 65: Edremit: Doğanlar, 1900m. 18 07 2001, M.Kemal & A.Koçak leg. - 3♂ 65: Gürpınar: Yukarı Eğimli, 2230m, 13 08 2006, M.Kemal & A.Koçak leg. - 1♂ 65: Gürpınar: Yukarı Acısu, 2070m, 13 08 2006, M.Kemal & A.Koçak leg. - 7♂ 65: Gürpınar: Yalınca Kaplıca, 2215m, 13 08 2006, M.Kemal & A.Koçak leg. - 1♂ 65: Van: Zeve, Kampüs, 1700m. 28 04 2001, M.Kemal & A.Koçak leg. - 2♂ 65: Van: Zeve, Kampüs, 1700m. 21 05 2001, M.Kemal & A.Koçak leg. - 2♂ 71: Kırıkkale: Karakeçili 12km E, 1000m, 18 07 2004, M.Kemal & A.Koçak leg. *Grass steppe with dominant species Scabiosa argentea.*

**Polyommatus (Ultraaricia) anteros** 1♂ 06: Ayaş: Atderesi, 1100m. 15 05 1999, A.Koçak & M.Kemal leg.

**Polyommatus (Ultraaricia) crassipunctus mehmetcik** 1♂ 13: Bitlis: Baykan 37km NW, 1350m, 04 06 2006, M.Kemal & A.Koçak leg. - 1♂ 65: Bahçesaray: Karabel Pass, 3000m. 14 07 2001, M.Kemal & A.Koçak leg. *Species inhabits at tragacanthic mountain steppe.* - 1♂ 65: Gürpınar: Yukarı Eğimli, 2230m, 13 08 2006, M.Kemal & A.Koçak leg.

**Polyommatus (s.str.) icarus** 5♂ 1♀ 01: Tufanbeyli: Gezbeli E, Hanyeri W, 1885m, 06 06 2006, M.Kemal & A.Koçak leg. - 06: Ayaş: Ayaş Dağları, Mülk, 1060m, 30 05 2007, M.Kemal obs. - 1♂ 1♀ 06: Ayaş: Ayaş Dağları, Mülk, 1210-1250m, 30 05 2007, M.Kemal & A.Koçak leg. *Butterflies sip nectar of Vicia cracca.* - 1♀ 06: Ayaş: Akyatak, 1200m. 15 05 1999, A.Koçak & M.Kemal leg. - 5♂ 06: Ayaş: Akyatak, 1200m. 15 05 1999, A.Koçak & M.Kemal leg. - 19♂ 06: Ayaş: Atderesi, 1100m. 15 05 1999, A.Koçak & M.Kemal leg. - 10♂ 1♀ 06: Kızılıcahamam: Soğuksu, 1000-1300m 29 05 1999, M.Kemal & B.Koçak leg. - 16♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20 05 2000, M.Kemal & S.Seven leg. - 18♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20-21 05 2000, M.Kemal & A.Koçak leg. - 1♂ 1♀ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 03 06 2000, M.Kemal & S.Seven leg. - 2♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak

& M.Kemal leg. - 3♂ **06:** Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg. - 1♀ **06:** Sincan: Mülk, Ayaş Mts. E., 1150m 06 08 2000, A.Koçak & M.Kemal leg. - 1♂ **06:** Sincan: Elvanköy, 0750m. 09 09 2000, M.Kemal leg. - 1♀ **06:** Yenimahalle: Lezgi, 1200m 12 07 1998, S.Seven leg. - 3♂ 2♀ **06:** Yenimahalle: Memlik, 1200m 18 07 1998, A.Koçak & M.Kemal leg. - 2♂ **06:** Yenimahalle: Memlik, Astragalo-Brometea stebi, 1200m 23 07 1998, A.Koçak & M.Kemal leg. - 3♂ **06:** Yenimahalle: Memlik, Pinetum-Astragalo Brometea comm. 1400m 23 07 1998, A.Koçak & M.Kemal leg. - 1♂ **06:** Yenimahalle: Memlik, Astragalo-Brometea stebi, 1200m 15 08 1998, A.Koçak & M.Kemal leg. - 2♂ **06:** Yenimahalle: Lezgi, 1150-1200m 08 05 1999, A.Koçak & M.Kemal leg. - 3♂ **06:** Yenimahalle: Karyağdı Dağı, Lezgi, 1200m. 19 05 1999, A.Koçak & M.Kemal leg. - 20♂ **06:** Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.Koçak & M.Kemal leg. - 3♂♀ **06:** Çubuk: Muhabbetçayı, 1420m. 16 05 1999, A.Koçak & M.Kemal leg. - 2♂ 1♀ **06:** Çubuk: Aydos Dağı, 1650-1800m. 16 05 1999, A.Koçak & M.Kemal leg. - 2♀ **06:** Çubuk: Aydos Dağı: Deremhisar, 1650m. 16 05 1999, A.Koçak & M.Kemal leg. - 1♂ **11:** Bilecik: Tünel N, 0520m, 25 04 2007, M.Kemal & A.Koçak leg. *woodland openings, orchards on foothills.* - 1♂ **12:** Bingöl: Bingöl 13km E, 1350m. 09 07 2001, A.Koçak & M.Kemal leg. - 1♂ 1♀ **12:** Solhan: Yenidal köyü, 1320m. 25 06 2001, A.Koçak & M.Kemal leg. - 8♂ 1♀ **13:** Bitlis: Bitlis 10km SW, 1400m. 12 06 2002, M.Kemal & A.Koçak leg. - 3♂ **13:** Bitlis: Baykan 37km NW, 1350m, 04 06 2006, M.Kemal & A.Koçak leg. - 1♀ **13:** Tatvan: Tatvan 30km E, 1800m. 25 06 2001, A.Koçak & M.Kemal leg. - 1♂ **13:** Tatvan: Nemrut Krateri, Ilıkgöl, 2280m, 09 06 2007, H.Özkol, L.Kayci, M.Kemal, A.Koçak leg. - 1♂ 1♀ **13:** Tatvan: Nemrut Krateri, Büyükgöl, 2260m, 09 06 2007, H.Özkol, L.Kayci, M.Kemal, A.Koçak leg. - 1♂ **23:** Baskil: Topalkem 4km, 0770m, 02 06 2007, M.Kemal & A.Koçak leg. - 9♂ **23:** Başyurt: Başyurt, 1050m. 25 06 2001, A.Koçak & M.Kemal leg. - 1♂ **31:** 0440m, 21 04 2007, M.Kemal & A.Koçak leg. *Margin of degraded macchie vegetation.* - 8♂ **33:** Tarsus: Tarsus 40km N, 0600m, 12 06 2005, A.Koçak & M.Kemal leg. - 2♂ **38:** Develi: Gezbeli W, 1910m, 31 05 2007, M.Kemal & A.Koçak leg. *Butterfly sips nectar from Aethionema sp.* - 2♂ **38:** Melikgazi: Erciyes, Hisarcık, 1820m, 31 05 2007, M.Kemal & A.Koçak leg. - **38:** Pınarbaşı: Pınarbaşı 5km W, 1580m, 16 06 2006, M.Kemal obs. - 1♂ **44:** Akçadağ: Sultansuyu Çiftliği, 0870m, 27 05 2007, M.Kemal leg. - 1♂ 1♀ **44:** Darende: Darende W, 1100m, 17 06 2006, M.Kemal & A.Koçak leg. - 1♂ **44:** Malatya: Karahan geçidi E, 1450m. 09 07 2001, A.Koçak & M.Kemal leg. - 3♂ **46:** Göksun: Keklikoluk, 1700m, 06 06 2006, M.Kemal & A.Koçak leg. *Mountain steppe.* - 5♂ **46:** Göksun: Tekir N., Kurucaova, 1350m, 06 06 2006, M.Kemal & A.Koçak leg. - 1♂ 1♀ **48:** Bodrum: Akyarlar, 0050m, 15 06 2005, M.Kemal & A.Koçak leg. *on Ononis spinosa* - 1♂ 1♀ **48:** Bodrum: Yahşı civarı, 0100m, 15 06 2005, M.Kemal & A.Koçak leg. - 3♂ 1♀ **48:** Bodrum: Farilya Atçiftliği, 0100m, 17 06 2005, M.Kemal leg. - 1♂ **49:** Muş: Buğlan geçidi, 1600m, 16 07 2004, M.Kemal & A.Koçak leg. - 1♂ **49:** Muş: Buğlan geçidi, 1695m, 16 07 2004, M.Kemal & A.Koçak leg. *Openings of the remnant Quercus forest.* - 1♂ **58:** Gürün: Mazıkiran Geçidi, 1700m. 26 06 2001, A.Koçak & M.Kemal leg. - 2♂ **65:** Gevaş: Yoldöndü, Kuzgunkiran E, 2230m. 25 06 2001, A.Koçak & M.Kemal leg. - 2♂ **65:** Gevaş: Göründü N., 1680m, 28 05 2009, A.Koçak & M.Kemal leg. - 3♂ **65:** Gevaş: Göründü N., 1680m, 06 06 2009, A.Koçak & M.Kemal leg. - 1♂ **65:** Gürpınar: Gölet, 2050m. 09 06 2002, A.Koçak, H.Özkol & L.Kayci leg. - 1♂ 1♀ **65:** Gürpınar: Derindere, 2020m, 13 08 2006, M.Kemal & A.Koçak leg. - 1♂ **65:** Van: Zeve, Kampüs, 1700m. 17 04 2001, M.Kemal & A.Koçak leg. - 1♂ **65:** Van: Zeve, Kampüs, 1700m. 28 04 2001, M.Kemal & A.Koçak leg. *It feeds on the nectar of Senecio vernalis.* - 2♂ **65:** Van: Zeve, Kampüs, 1700m. 25 05 2001, M.Kemal & A.Koçak leg. - 2♂ **65:** Van: Zeve, Kampüs, 1700m. 04 06 2001, M.Kemal leg. - 4♂ 1♀ **65:** Van: Zeve, Kampüs, 1700m. 05 06 2001, M.Kemal leg. - 2♂ 1♀ **65:** Van: Erek Dağı: Kokuludere, 2250m. 10 08 2001, M.Kemal & A.Koçak leg. *Species inhabits on Juncus, Carex, Mentha, Cirsium community.* - 4♂ 1♀ **65:** Van: Erek Dağı, Kurubaş 7km E, 2100m. 08 06 2002, M.Kemal & A.Koçak leg. - 1♂ **65:** Van: Kurubaş geçidi N, 2100m. 10 06 2003, M.Kemal & A.Koçak leg. - 5♂ **65:** Çatak: Çatak 1km S., 1600m. 19 05 2001, M.Kemal & A.Koçak leg. - 2♂ **65:** Çatak: Çatak 6km S., 1540m. 24 05 2001, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Çatak 6km S., 1540m. 25 05 2001, M.Kemal & A.Koçak leg. - 3♂ 1♀ **65:** Çatak: Çatak 3km S., 1540m. 26 05 2001, M.Kemal & A.Koçak leg. - 2♂ **65:** Çatak: Çatak 7km S., 1530m. 26 05 2001, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Onağlı kavşağı, 2060m. 27 05 2001, M.Kemal & A.Koçak leg. - 1♀ **65:** Çatak: Kayaboğaz, Gültekçe, 2300m. 10 06 2001, M.Kemal & A.Koçak leg. *Species inhabits on Prangos, Ferula, Astragalus, Coronilla community.* - 5♂♀ **65:** Çatak: Şehzade Pınarı, 1350m. 13 07 2001, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Gölgepınar, 1500m. 13 06 2002, M.Kemal & A.Koçak leg. - 2♂ **65:** Çatak: Amata vadisi, 1600m. 15 06 2002, M.Kemal & A.Koçak leg. - 1♀ **65:** Çatak: Gölgepınar, 1500m. 15 06 2002, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Dalbastı 3km S, 1300m. 30 05 2003, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Amata vadisi, Boravin, 1550m. 07 06 2003, M.Kemal & A.Koçak leg. - **65:** Çatak: Dalbastı meşeliği, 1650m. 07 06 2003, M.Kemal & A.Koçak obs. - 4♂ 1♀ **71:** Kırıkkale: Karakeçili 12km E, 1000m, 18 07 2004, M.Kemal & A.Koçak leg. *Grass steppe with dominant species Scabiosa argentea.* - 1♂ **80:** Osmaniye: Arslantaş, Castabala (Hieropolis), 0250m, 08 04 2005, M.Kemal leg.

**Polyommatus sp** 2♂ 31: Şenköy, Yukarı Uçlar, 0470m, 20 04 2007, M.Kemal & A.Koçak leg. *Margin of degraded macchie vegetation.*

**Pseudophilotes vicrama** 1♂ 06: Ayaş: Akyatak, 1250m. 07 07 2001, A.Koçak & M.Kemal leg. - 1♂ 06: Ayaş: Akyatak, 1200m. 15 05 1999, A.Koçak & M.Kemal leg. - 1♂ 06: Ayaş: Akyatak, 1200m. 15 05 1999, A.Koçak & M.Kemal leg. - 8♂ 06: Ayaş: Atderesi, 1100m. 15 05 1999, A.Koçak & M.Kemal leg. - 1♂ 1♀ 06: Kızılcahamam: Soğuksu, 1000-1300m 29 05 1999, M.Kemal & B.Koçak leg. - 1♀ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 07 05 2000, A.Koçak & M.Kemal leg. - 1♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 03 06 2000, M.Kemal & S.Seven leg. - 3♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 4♂ 06: Yenimahalle: Lezgi, 1150-1200m 08 05 1999, A.Koçak & M.Kemal leg. - 2♀ 06: Yenimahalle: Karyağılı Dağı, Memlik, 1200m. 22 05 1999, A.Koçak & M.Kemal leg. - 1♂ 13: Bitlis: Bitlis 10km SW, 1400m. 12 06 2002, M.Kemal & A.Koçak leg. - 1♂ 30: Şemdinli: Karaağac, 1500m. 19 05 2003, M.Kemal leg. - 2♂ 1♀ 38: Melikgazi: Erciyes, Hisarcık, 1820m, 31 05 2007, M.Kemal & A.Koçak leg. - 1♂ 46: Göksun: B.Çamurlu- Yoğunoluk kavşağı, 1570m, 01 06 2007, M.Kemal & A.Koçak leg. - 5♂ 58: Gürün: Mazıkiran geçidi, 1800m, 27 05 2007, M.Kemal leg. - 5♂ 65: Gevaş: Göründü- Altınsaç arası, 1730-1800m. 02 06 2001, M.Kemal leg. - 1♂ 65: Gevaş: İnköy 4km E., 1860m. 02 06 2001, M.Kemal leg. - 1♂ 65: Gevaş: Kuzgunkiran geçidi, 2250m. 29 05 2003, M.Kemal & A.Koçak leg. - 4♂ 65: Gevaş: Göründü N., 1680m, 28 05 2009, A.Koçak & M.Kemal leg. - 1♂ 65: Gevaş: Altınsaç N, 1840m, 06 06 2009, A.Koçak & M.Kemal leg. - 2♂ 65: Van: Zeve, Kampüs, 1700m. 21 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Van: Zeve, Kampüs, 1700m. 25 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Van: Zeve, Kampüs, 1700m. 18 06 2001, M.Kemal leg. - 1♀ 65: Van: Kurubaş geçidi, 2100m. 18 07 2001, M.Kemal & A.Koçak leg. *Butterflies inhabits in tragacanthic mountain steppe.* - 1♂ 65: Çatak: Onağlı kavşağı, 2060m. 27 05 2001, M.Kemal & A.Koçak leg. - 2♂ 65: Çatak: Kayabogaç S., Köprüaltı, 2100m. 28 07 2002, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Kayabogaç, Gülteke, 2200m. 07 06 2003, M.Kemal & A.Koçak leg.

**Quercusia quercus** 1♂ 06: Bala: Üçem köyü, 1200m, 18 07 2004, M.Kemal & A.Koçak leg. *Tragacanthic steppe on hill slopes.*

**Rubrapterus bavius oenalpae** 2♂ 06: Kızılcahamam: Soğuksu, 1000-1300m 29 05 1999, M.Kemal & B.Koçak leg. - 1♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 07 05 2000, A.Koçak & M.Kemal leg. - (in VC) 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20-21 05 2000, M.Kemal & A.Koçak leg. - 1♀ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 2♂ 06: Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg. - **Rubrapterus bavius** ssp. 1♂ 12: Yolçatı: Kuruca geçidi E (Yolçatı) 1700m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland openings.* - 1♂ 30: Şemdinli: Haruna geçidi, 1900m. 19 05 2003, M.Kemal leg. *Its habitat tragacanthic mountain steppe has been greatly degraded and overgrazed.* - 1♂ 30: Şemdinli: Şapatan geçidi N, 1560m. 19 05 2003, M.Kemal leg. - 6♂ 58: Gürün: Mazıkiran geçidi, 1800m, 27 05 2007, M.Kemal leg. - **Rubrapterus bavius** ssp.n.? 2♂ 30: Şemdinli: Şapatan geçidi S, 1800-1900m. 19 05 2003, M.Kemal leg. - **Rubrapterus bavius vanicola** 1♂ 13: Bitlis: Bitlis 10km SW, 1400m. 12 06 2002, M.Kemal & A.Koçak leg. - 2♀ 65: Gevaş: Göründü- Altınsaç arası, 1730-1800m. 02 06 2001, M.Kemal leg. - 4♂ 65: Gevaş: Altınsaç N, 1840m, 06 06 2009, A.Koçak & M.Kemal leg. - 2♂ 65: Gevaş: İnköy 4km E., 1860m. 02 06 2001, M.Kemal leg. - 1♂ 65: Van: Kurubaş geçidi N, 2100m. 10 06 2003, M.Kemal & A.Koçak leg. - 1♀ 65: Çatak: Çatak 7km S., 1530m. 26 05 2001, M.Kemal & A.Koçak leg. - 12♂ 65: Çatak: Amata vadisi, 1550m. 09 06 2001, M.Kemal & A.Koçak leg. - 3♂ 65: Çatak: Amata vadisi, 1750m. 10 06 2001, M.Kemal & A.Koçak leg. - 3♀ 65: Çatak: Gölgepınar, 1500m. 13 06 2002, M.Kemal & A.Koçak leg. - 1 65: Çatak: Gölgepınar, 1500m. 15 06 2002, M.Kemal & A.Koçak leg. - 2♀ 65: Çatak: Amata vadisi, 1600m. 19 06 2002, M.Kemal & A.Koçak leg. - 2♂ 65: Çatak: Gölgepınar, 1400m. 19 06 2002, M.Kemal & A.Koçak leg. - 4♀ 65: Çatak: Amata vadisi, 1650m 02 06 2003, M.Kemal & A.Koçak leg. - 1♀ 65: Çatak: Amata vadisi, Boravin, 1550m. 07 06 2003, M.Kemal & A.Koçak leg.

**Satyrium abdominalis** 2♂ 13: Tatvan: Tatvan 30km E, 1800m. 25 06 2001, A.Koçak & M.Kemal leg. - 1♂ 44: Darende: Darende W, 1100m, 17 06 2006, M.Kemal & A.Koçak leg. - 1♂ 44: Darende: Darende W, 1100m, 17 06 2006, M.Kemal & A.Koçak leg. - 2♀ 58: Gürün: Gürün 10km NW [3km SE Mazıkiran geçidi], 1650m, 17 07 2004, M.Kemal & A.Koçak leg. *Astragalus spp. Globularia Steppe, with sporadic Daphne, Crataegus, Rosa bushes.* - 2♀ 58: Gürün: Mazıkiran Geçidi 3km SE, 1650m, 17 07 2004, M.Kemal & A.Koçak leg. *Astragalus-Globularia steppe with sporadic Daphne, Crataegus, Rosa, Celtis scrubs.* - 12♂ 58:

**65:** Gevaş: Göründü- Altınsaç arası, 1730-1800m. 02 06 2001, M.Kemal leg. - 5♂ **65:** Gevaş: Malumkişiler geçidi, 2700m. 02 08 2002, A.Koçak, H.Özkol & L.Kayci leg. *Species inhabit in tragacanthic mountain steppe.* - 1♂ **65:** Gevaş: Malumkişiler geçidi, 2350m. 02 08 2002, A.Koçak, H.Özkol & L.Kayci leg. *Species inhabit in tragacanthic mountain steppe.* - 1♂ **65:** Gevaş: Göründü N., 1680m, 06 06 2009, A.Koçak & M.Kemal leg. - 1♂ **65:** Gevaş: Altınsaç N, 1840m, 06 06 2009, A.Koçak & M.Kemal leg. - 5♂ **65:** Çatak: Amata vadisi, 1550m. 09 06 2001, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Şehzade Pinarı, 1350m. 13 07 2001, M.Kemal & A.Koçak leg. - 2♂ **65:** Çatak: Gölgepınar, 1500m. 13 06 2002, M.Kemal & A.Koçak leg. - 6♂ **65:** Çatak: Gölgepınar, 1500m. 15 06 2002, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Athihan, 1200m. 19 06 2002, M.Kemal & A.Koçak leg. - 6♂ **65:** Çatak: Gölgepınar, 1400m. 19 06 2002, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Kayabogaz S., Köprüaltı, 2100m. 28 07 2002, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Dalbastı 3km S, 1300m. 30 05 2003, M.Kemal & A.Koçak leg.

**Satyrium acaciae** 1♂ **06:** Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 1♀ **06:** Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg.

**Satyrium ilicis** 2♂ **06:** Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg. - 7♂ **12:** Bingöl: Bingöl 8km W, 1350m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland and butterfly feeds on Thymus.* - 1♂ **12:** Solhan: Yenidal köyü, 1320m. 25 06 2001, A.Koçak & M.Kemal leg. - 8♂ **12:** Yolçatı: Kuruca geçidi E (Yolçatı) 1700m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland openings.* - 1♂ **13:** Tatvan: Tatvan 30km E, 1800m. 25 06 2001, A.Koçak & M.Kemal leg. - 1♂ **33:** Tarsus: Tarsus 40km N, 0600m, 12 06 2005, A.Koçak & M.Kemal leg. - 1♂ **38:** Pınarbaşı: Pınarbaşı 2km W, 1580m. 26 06 2001, A.Koçak & M.Kemal leg. - 1♂ 1♀ **48:** Bodrum: Farilya Atçiftliği, 0100m, 17 06 2005, M.Kemal leg. - 1♂ **49:** Muş: Buğlan geçidi, 1695m, 26 06 2004, M.Kemal & A.Koçak leg. - 6♂ **49:** Muş: Buğlan geçidi, 1695m, 16 07 2004, M.Kemal & A.Koçak leg. *Openings of the remnant Quercus forest. Butterflies suck nectar from Thymus.* - 6♂ **49:** Muş: Buğlan geçidi, 1600m, 16 07 2004, M.Kemal & A.Koçak leg. - 13♂ **49:** Solhan: Buğlan geçidi E, 1650m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus-Vicia community.* - 4♂ **65:** Çatak: Büyükağaç, 1400m. 19 06 2002, M.Kemal & A.Koçak leg. *Species inhabit in the openings of Quercus-Paliurus woodlands.*

**Satyrium spini** 1♂ **06:** Sincan: Ayaş Dağları E, 1150m. 07 07 2001, A.Koçak & M.Kemal leg. - 2♂ **44:** Darende: Darende W, 1100m, 17 06 2006, M.Kemal & A.Koçak leg.

**Satyrium zabni** 4♂ **13:** Tatvan: Güroymak 10km E, 1650m. 30 06 2002, M.Kemal & A.Koçak leg. - 1♂ **13:** Tatvan: Güroymak 6km E, 1700m. 04 07 2002, M.Kemal & A.Koçak leg. - 1♀ **13:** Tatvan: Reşadiye W, 1670m, 27 06 2006, M.Kemal & A.Koçak leg.

**Tarucus balkanicus** 1♂ **13:** Sarıkonak: Kasih, 1050m. 12 06 2002, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Çatak 6km S., 1540m. 24 05 2001, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Çatak 7km S., 1530m. 26 05 2001, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Athihan, 1200m. 17 05 2003, A.Koçak & M.Kemal leg. *Rocky stony mountain slope covered by degraded mixed forest (Quercus, Celtis, Prunus, Crataegus) with degraded malacophyllous plants and grasses.*

**Tomares callimachus** **65:** Gevaş: Kuzgunkiran geçidi, 2250m. 29 05 2003, M.Kemal & A.Koçak obs. - 2♂ **65:** Gevaş: Göründü N., 1680m, 28 05 2009, A.Koçak & M.Kemal leg. - 2♂ **65:** Van: Zeve, Kampüs, 1700m. 17 04 2001, M.Kemal & A.Koçak leg. - 5♂ **65:** Van: Kurubaş geçidi, 2200m. 21 04 2001, M.Kemal & A.Koçak leg. *It feeds on the nectar of Onobrychis cornuta and Aethionema speciosum.* - 1♂ 1♀ **65:** Van: Zeve, Kampüs, 1700m. 28 04 2001, M.Kemal & A.Koçak leg. *It feeds on the nectar of Geranium sp.* - 4♂ **65:** Çatak: Aşağı Narlıca, 2150m. 19 05 2001, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Onağlı kavşağ, 2060m. 24 05 2001, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Narlı: Övecek, 1400m. 26 05 2001, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Aşağı Narlıca, 2150m. 27 05 2001, M.Kemal & A.Koçak leg.

**Tomares desinens** ? 1♂ **30:** Şemdinli: Şapatan geçidi S, 1900m. 19 05 2003, M.Kemal leg. - 5♂ **30:** Şemdinli: Haruna geçidi, 1900m. 19 05 2003, M.Kemal leg. *Its habitat tragacanthic mountain steppe has been greatly degraded and overgrazed.* - 11♂ **65:** Van: North of Kampüs, Güllü, 1820m. 28 04 2001, M.Kemal & A.Koçak leg. *on the roadside where Astragalus campyloosema (?) and Hedysarum grow.* - 1♂ **65:** Van: North of Kampüs, Tevekli, 1800m. 28 04 2001, M.Kemal & A.Koçak leg. *It feeds on the nectar of Erysimum sp.* - 24♂ **65:** Van: W. of Erçek gölü, 1920m. 06 05 2001, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Dalbastı 3km S, 1300m. 04 05 2003, M.Kemal leg. *Hilly place covered by mixed forest (Quercus,*

*Crataegus, Prunus, Acer, Celtis), with malacophyllous plants and grasses.* - 1♀ 65: Çatak: Dalbastı 3km S, 1300m. 17 05 2003, M.Kemal & A. Koçak leg. *Hilly place covered by mixed forest (Quercus, Crataegus, Prunus, Acer, Celtis), with malacophyllous plants and grasses.* - 4♂ 65: Çatak: Kayabogaz S., Köprüaltı, 2100m 17 05 2003, M.Kemal & A. Koçak leg. - 4♂ 65: Çatak: Şehzade Pınarı, 1350m, 30 04 2005, M.Kemal & A. Koçak leg.

***Tomares nesimachus*** 1♂ 06: Ayaş: Akyatak, 1200m. 15 05 1999, A.Koçak & M.Kemal leg. - 1♀ 06: Keçiören: Bağlum, 1300m 02 05 1999, A.Koçak & M.Kemal leg. - 1♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 04 05 2000, A.Koçak & M.Kemal leg. - 1♀ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 07 05 2000, A.Koçak & M.Kemal leg.

***Tomares nogelii*** 1♀ 06: Ayaş: Ayaş Dağları, Mülk, 1060m, 30 05 2007, M.Kemal & A.Koçak leg. - 11♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 04 05 2000, A.Koçak & M.Kemal leg. - 10♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 07 05 2000, A.Koçak & M.Kemal leg. - 5♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 11 05 2000, S.Seven & M.Kemal leg. - 1♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20 05 2000, M.Kemal & A.Koçak leg. - 2♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20-21 05 2000, M.Kemal & A.Koçak leg. - 3♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 1♀ 06: Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg. - 1♂ 06: Yenimahalle: Karyağdı Dağı, Lezgi, 1100m 01 05 1999, A.Koçak & M.Kemal leg. - 1♂ 06: Yenimahalle: Karyağdı Dağı, Memlik, 1300m 01 05 1999, A.Koçak & M.Kemal leg. - 1♂ 06: Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.Koçak & M.Kemal leg. - 1♂ 06: Çubuk: Aydos Dağı: Deremhisar, 1650m. 16 05 1999, A.Koçak & M.Kemal leg. - 3♂ 06: Çubuk: Muhabbetçayı, 1420m. 16 05 1999, A.Koçak & M.Kemal leg. - 2♂ 38: Develi: Gezbeli W, 1910m, 31 05 2007, M.Kemal & A.Koçak leg. *Butterfly sips nectar from Aethionema sp.* 3♂ 38: Melikgazi: Erciyes, Hisarcık, 1820m, 31 05 2007, M.Kemal & A.Koçak leg. - ***Tomares nogelii uighuricus*** 26♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg.

***Tomares romanovi*** 1♀ 13: Tatvan: Tatvan 30km E, 1800m. 25 06 2001, A.Koçak & M.Kemal leg. - 2♂ 30: Şemdinli: Şapatan geçidi N, 1560m. 19 05 2003, M.Kemal leg. - 2♂ 30: Şemdinli: Şapatan geçidi S, 1900m. 19 05 2003, M.Kemal leg. - 4♂ 65: Gevaş: Göründü- Altınsaç arası, 1730-1800m. 02 06 2001, M.Kemal leg. - 2♂ 65: Gevaş: Göründü N., 1680m, 28 05 2009, A.Koçak & M.Kemal leg. - 3♂ 65: Gevaş: Göründü N., 1680m, 06 06 2009, A.Koçak & M.Kemal leg. - 1♂ 65: Gürpınar: Çatakdbi, Cunkderesi, 2345m. 06 06 2007, M.Kemal & A.Koçak leg. - 3♂ 65: Çatak: Onağl kavşağı, 2060m. 19 05 2001, M.Kemal & A.Koçak leg. - 4♂ 65: Çatak: Onağl kavşağı, 2060m. 24 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Çatak 6km S., 1540m. 24 05 2001, M.Kemal & A.Koçak leg. - 2♂ 65: Çatak: Narlı, Dalbastı, 1750m. 25 05 2001, M.Kemal & A.Koçak leg. - 1♀ 65: Çatak: Çatak 6km S., 1540m. 25 05 2001, M.Kemal & A.Koçak leg. - 4♂ 1♀ 65: Çatak: Narlı: Övecek, 1400m. 26 05 2001, M.Kemal & A.Koçak leg. - 8♂ 65: Çatak: Dalbastı 3km S, 1300m. 17 05 2003, M.Kemal & A. Koçak leg. *Hilly place covered by mixed forest (Quercus, Crataegus, Prunus, Acer, Celtis), with malacophyllous plants and grasses.*

***Turanana endymion*** 6♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 2♂ 06: Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg. - 1♀ 06: Yenimahalle: Memlik, 1300m 18 07 1998, A.Koçak & M.Kemal leg. - 3♂ 13: Tatvan: Tatvan 45km E, 1870m. 25 06 2001, A.Koçak & M.Kemal leg. - 1♂ 58: Gürün: Ziyaret Geçidi, 2000m, 02 08 2004, M.Kemal & A.Koçak leg. *Calcareous hilltops with Sedum album, S.semperivoides, Astragalus, Acantholimon, Thymus subalpine mountain steppe.* - 1♂ 65: Gevaş: Yoldöndü, Kuzgunkiran E, 2230m. 25 06 2001, A.Koçak & M.Kemal leg. - 4♂ 65: Gevaş: Malumkışiler geçidi, 2700m. 02 08 2002, A.Koçak, H.Özkol & L.Kayci leg. *Species inhabit in tragacanthic mountain steppe.* - 1♀ 65: Gürpınar: Gölet, 2050m. 09 06 2002, A.Koçak, H.Özkol & L.Kayci leg. - 1♂ 65: Gürpınar: Çatakdbi, Cunkderesi, 2345m. 06 06 2007, M.Kemal & A.Koçak leg. - 1♀ 65: Van: Kurubaş geçidi, 2100m. 18 07 2001, M.Kemal & A.Koçak leg. *Butterflies inhabits in tragacanthic mountain steppe.* - 1♂ 65: Çatak: Amata vadisi, 1550m. 09 06 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Amata vadisi, 1750m. 10 06 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Gölgepınar, 1500m. 13 06 2002, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Saklıvadi, 2050m. 15 06 2002, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Gölgepınar, 1400m. 19 06 2002, M.Kemal & A.Koçak leg.

## Hesperiidae

***Carcarhodus alceae*** 1♂ 80: Osmaniye: Arslantaş, Castabala (Hieropolis), 0250m, 08 04 2005, M.Kemal leg. - 2♂ 06: Kızılıcahamam: Soğuksu, 1000-1300m 29 05 1999, M.Kemal & B.Koçak leg. - 1♂ 06: Sincan:

Mülk, Ayaş Dağları E., 1000m. 04 05 2000, A.Koçak & M.Kemal leg. - 1♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 1♂ 06: Yenimahalle: Memlik, Astragalo-Brometea stebi, 1200m 15 08 1998, A.Koçak & M.Kemal leg. - 1♂ 06: Yenimahalle: Lezgi, 1150-1200m 08 05 1999, A.Koçak & M.Kemal leg. - 1♂ 06: Çubuk: Muhabbetçayı, 1420m. 16 05 1999, A.Koçak & M.Kemal leg. - 1♂ 11: Bilecik: Tünel N, 0520m, 25 04 2007, M.Kemal & A.Koçak leg. *woodland openings, orchards on foothills*. - 1♂ 12: Bingöl: Yado çeşmesi, 1350m, 26 05 2007, M.Kemal & A.Koçak leg. - 1♂ 12: Solhan: Yenidal köyü, 1320m. 25 06 2001, A.Koçak & M.Kemal leg. - 2♂ 13: Tatvan: Tatvan 30km E, 1800m. 25 06 2001, A.Koçak & M.Kemal leg. - 1♂ 13: Tatvan: Nemrut Krateri, 2400m, 09 06 2007, H.Özkol, L.Kayci, M.Kemal, A.Koçak leg. - 1♂ 30: Şemdinli: Şapatan geçidi N, 1560m. 19 05 2003, M.Kemal leg. - 1♂ 31: 0440m, 21 04 2007, M.Kemal & A.Koçak leg. *Margin of degraded macchie vegetation*. - 1♂ 31: Şenköy, Yukarı Uçlar, 0470m, 20 04 2007, M.Kemal & A.Koçak leg. *Margin of degraded macchie vegetation*. - 1♂ 44: Darende: Darende W, 1100m, 17 06 2006, M.Kemal & A.Koçak leg. - 1♂ 48: Bodrum: Akyarlar, 0005m, 14 06 2005, M.Kemal leg. - 2♂ 48: Bodrum: Akyarlar, 0050m, 15 06 2005, M.Kemal & A.Koçak leg. - 1♂ 65: Gürpınar: Derindere, 2020m, 13 08 2006, M.Kemal & A.Koçak leg. - 1♂ 65: Van: Zeve, Kampüs, 1700m. 14 04 2001, M.Kemal & A.Koçak leg. - 4♂ 65: Van: Zeve, Kampüs, 1700m. 17 04 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Van: North of Kampüs, Tevekli, 1800m. 28 04 2001, M.Kemal & A.Koçak leg. *It feeds on the nectar of ? Globularia sp.* - 1♂ 65: Van: Zeve, Kampüs, 1700m. 28 04 2001, M.Kemal & A.Koçak leg. *It feeds on the nectar of Trifolium sp.* - 1♂ 65: Van: Kurubaş geçidi, 2100m. 29 04 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Van: Zeve, Kampüs, 1700m. 05 06 2001, M.Kemal leg. - 2♂ 65: Van: Erek Dağı, Kurubaş 7km E, 2100m. 08 06 2002, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Aşağı Narlıca, 2150m. 19 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Çatak 10km S., 1510m. 25 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Aşağı Narlıca, 2150m. 27 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Amata vadisi, 1550m. 09 06 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Dalbastı 3km S, 1300m. 17 05 2003, M.Kemal & A. Koçak leg. *Hilly place covered by mixed forest (Quercus, Crataegus, Prunus, Acer, Celtis), with malacophyllous plants and grasses*. - 1♂ 65: Çatak: Kayabogaz S., Köprüaltı, 2100m 17 05 2003, M.Kemal & A. Koçak leg.

**Carcharodus lavatherae** 1♂ 06: Yenimahalle: Memlik, Astragalo-Brometea stebi, 1300m 12 07 1998, S.Seven leg. - 1♂ 06: Yenimahalle: Memlik, 1300m 18 07 1998, A.Koçak & M.Kemal leg. - 1♂ 13: Tatvan: Tatvan 45km E, 1870m. 25 06 2001, A.Koçak & M.Kemal leg. - 1♂ 38: Pınarbaşı: Pınarbaşı 5km W, 1580m, 16 06 2006, M.Kemal & A.Koçak leg. - 1♂ 49: Solhan: Buğlan geçidi E, 1650m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus-Vicia community*. - 1♂ 58: Gürün: Mazıkiran Geçidi 3km SE, 1650m, 17 07 2004, M.Kemal & A.Koçak leg. *Astragalus-Globularia steppe with sporadic Daphne, Crataegus, Rosa, Celtis scrubs*. - 1♂ 58: Gürün: Gürün 10km NW [3km SE Mazıkiran geçidi], 1650m, 17 07 2004, M.Kemal & A.Koçak leg. *Astragalus spp. Globularia Steppe, with sporadic Daphne, Crataegus, Rosa bushes*. - 1♂ 65: Çatak: Şehzade Pinarı, 1350m. 13 07 2001, M.Kemal & A.Koçak leg.

**Carcharodus orientalis** 1♂ 06: Ayaş: Ayaş Dağları, Mülk, 1060m, 30 05 2007, M.Kemal & A.Koçak leg. - 2♂ 06: Ayaş: Atderesi, 1100m. 15 05 1999, A.Koçak & M.Kemal leg. - 5♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20-21 05 2000, M.Kemal & A.Koçak leg. - 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20 05 2000, M.Kemal & A.Koçak obs. - 2♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 2♂ 06: Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg. - 1♂ 06: Yenimahalle: Lezgi, 1150-1200m 08 05 1999, A.Koçak & M.Kemal leg. - 1♂ 06: Yenimahalle: Karyağılı Dağı, Memlik, 1200m. 22 05 1999, A.Koçak & M.Kemal leg. - 4♂ 12: Yolçatı: Kuruca geçidi E (Yolçatı) 1700m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland openings*. - 1♂ 13: Tatvan: Tatvan 30km E, 1800m. 25 06 2001, A.Koçak & M.Kemal leg. - 1♂ 13: Tatvan: Tatvan 45km E, 1870m. 25 06 2001, A.Koçak & M.Kemal leg. - 1♂ 46: Göksun: Tekir N., Kurucaova, 1350m, 06 06 2006, M.Kemal & A.Koçak leg. - 1♂ 65: Gevaş: Malumkışiler geçidi, 2350m. 02 08 2002, A.Koçak, H.Özkol & L.Kayci leg. *Species inhabit in tragacanthic mountain steppe*. - 1♂ 80: Osmaniye: Arslantaş, Castabala (Hierapolis), 0250m, 08 04 2005, M.Kemal leg.

**Carcharodus stauderi** 1♀ 58: Gürün: Höyüklüyurt, 1700m 27 06 2004, M.Kemal & A.Koçak leg.

**Eogenes alcides** 2♂ 65: Van: Zeve, Kampüs, 1700m. 18 06 2001, M.Kemal leg. - 7♂ 65: Van: Zeve, Kampüs, 1700m. 19 06 2001, M.Kemal leg. - 2♂ 3♀ 65: Van: Zeve, Kampüs, 1700m. 22 06 2001, M.Kemal leg. - 1♂ 65: Çatak: Çatak 12km NNE, Kirazlı, 1550m. 28 07 2002, A.Koçak leg.

**Erynnis (Hesperopegasus) marloyi** 1♂ 06: Ayaş: Akyatak, 1250m. 07 07 2001, A.Koçak & M.Kemal leg. - 1♂ 06: Ayaş: Akyatak, 1200m. 15 05 1999, A.Koçak & M.Kemal leg. - 1♂ 06: Sincan: Mülk, Ayaş

Dağları E., 1000m. 20-21 05 2000, M.Kemal & A.Koçak leg. -  $2\hat{\circ}$  **06**: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. -  $1\hat{\circ}$  **06**: Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.Koçak & M.Kemal leg. -  $1\hat{\circ}$  **13**: Tatvan: Reşadiye 5km W, 1750m. 11 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland margins.* -  $1\hat{\circ}$  **13**: Tatvan: Reşadiye W, 1670m, 27 06 2006, M.Kemal & A.Koçak leg. -  $1\hat{\circ}$  **13**: Tatvan: Nemrut Krateri, İlkgöl, 2280m, 09 06 2007, H.Özkol, L.Kayci, M.Kemal, A.Koçak leg. -  $1\hat{\circ}$  **30**: Şemdinli: Şapatan geçidi N, 1560m. 19 05 2003, M.Kemal leg. -  $3\hat{\circ}$  **30**: Şemdinli: Şapatan geçidi S, 1700m. 19 05 2003, M.Kemal leg. -  $2\hat{\circ}$  **65**: Gevaş: Göründü- Altınsaç arası, 1730-1800m. 02 06 2001, M.Kemal leg. -  $1\hat{\circ}$  **65**: Gevaş: Altınsaç N, 1840m, 06 06 2009, A.Koçak & M.Kemal leg. -  $1\hat{\circ}$  **65**: Çatak: Narlı: Övecek, 1400m. 26 05 2001, M.Kemal & A.Koçak leg. -  $1\hat{\circ}$  **65**: Çatak: Aşağı Narlıca, 2150m. 27 05 2001, M.Kemal & A.Koçak leg. -  $1\hat{\circ}$  **65**: Çatak: Amata vadisi, 1600m. 07 06 2003, M.Kemal & A.Koçak leg.

**Erynnis (s.str.) tages** **06**: Ayaş: Ayaş Dağları, Mülk, 1060m, 30 05 2007, M.Kemal obs. -  $1\hat{\circ}$  **06**: Ayaş: Atderesi, 1100m. 15 05 1999, A.Koçak & M.Kemal leg. -  $11\hat{\circ}$  **06**: Kızılcahamam: Soğuksu, 1000-1300m 29 05 1999, M.Kemal & B.Koçak leg. -  $1\hat{\circ}$  **06**: Sincan: Mülk, Ayaş Dağları E., 1000m. 04 05 2000, A.Koçak & M.Kemal leg. -  $2\hat{\circ}$  **06**: Sincan: Mülk, Ayaş Dağları E., 1000m. 07 05 2000, A.Koçak & M.Kemal leg. -  $1\hat{\circ}$  **06**: Sincan: Mülk, Ayaş Dağları E., 1000m. 11 05 2000, S.Seven & M.Kemal leg. -  $12\hat{\circ}\varnothing$  **06**: Sincan: Mülk, Ayaş Dağları E., 1000m. 20-21 05 2000, M.Kemal & A.Koçak leg. -  $9\hat{\circ}\varnothing$  **06**: Sincan: Mülk, Ayaş Dağları E., 1000m. 20 05 2000, M.Kemal & A.Koçak leg. -  $1\hat{\circ}$  **06**: Sincan: Mülk, Ayaş Dağları E., 1000m. 03 06 2000, M.Kemal & S.Seven leg. -  $1\hat{\circ}$  **06**: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. -  $1\hat{\circ}$  **06**: Yenimahalle: Lezgi, 1200m 12 07 1998, S.Seven leg. -  $2\hat{\circ}$  **06**: Yenimahalle: Memlik, Astragalo-Brometea stebi, 1200m 23 07 1998, A.Koçak & M.Kemal leg. -  $1\hat{\circ}$  **06**: Yenimahalle: Memlik, Astragalo-Brometea stebi, 1200m 15 08 1998, A.Koçak & M.Kemal leg. -  $2\hat{\circ}$  **06**: Yenimahalle: Karyağdı Dağı, Lezgi, 1100m 01 05 1999, A.Koçak & M.Kemal leg. -  $7\hat{\circ}$  **06**: Yenimahalle: Lezgi, 1150-1200m 08 05 1999, A.Koçak & M.Kemal leg. -  $1\hat{\circ}$  **06**: Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.Koçak & M.Kemal leg. -  $1\hat{\circ}$  **06**: Çubuk: Muhabbetçayı, 1420m. 16 05 1999, A.Koçak & M.Kemal leg. -  $1\hat{\circ}$  **06**: Çubuk: Kuruçay, 1300m. 16 05 1999, A.Koçak & M.Kemal leg. -  $1\hat{\circ}$  **06**: Çubuk: Aydos Dağı: Deremhisar, 1650m. 16 05 1999, A.Koçak & M.Kemal leg. -  $2\hat{\circ}$  **11**: Bilecik: Tünel N, 0520m, 25 04 2007, M.Kemal & A.Koçak leg. *woodland openings, orchards on foothills.* -  $2\hat{\circ}$  **12**: Bingöl: Kuruca göleti, 1720m, 02 06 2007, M.Kemal & A.Koçak leg. -  $1\hat{\circ}$  **13**: Tatvan: Reşadiye 5km W, 1750m. 11 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland margins.* -  $5\hat{\circ}$  **30**: Şemdinli: Karaağaç, 1500m. 19 05 2003, M.Kemal leg. -  $1\hat{\circ}$  **30**: Şemdinli: Şapatan geçidi N, 1560m. 19 05 2003, M.Kemal leg. -  $5\hat{\circ}$  **30**: Şemdinli: Şapatan geçidi S, 1700-1900m. 19 05 2003, M.Kemal leg. -  $1\hat{\circ}$  **38**: Melikgazi: Erciyes, Hisarcık, 1820m, 31 05 2007, M.Kemal & A.Koçak leg. -  $1\hat{\circ}$  **46**: Göksun: B.Çamurlu- Yoğunoluk kavşağ, 1570m, 01 06 2007, M.Kemal & A.Koçak leg. -  $1\hat{\circ}$  **46**: Göksun: Kanlıkavak E, 1420m, 01 06 2007, M.Kemal & A.Koçak leg. -  $6\hat{\circ}$  **55**: Çatak: Narlı, Dalbastı, 1750m. 25 05 2001, M.Kemal & A.Koçak obs. -  $3\hat{\circ}$  **65**: Çatak: Çatak 6km S, 1540m. 25 05 2001, M.Kemal & A.Koçak leg. -  $1\hat{\circ}$  **65**: Çatak: Narlı: Övecek, 1400m. 26 05 2001, M.Kemal & A.Koçak leg. -  $2\hat{\circ}$  **65**: Çatak: Çatak 7km S, 1530m. 26 05 2001, M.Kemal & A.Koçak leg. -  $1\hat{\circ}$  **65**: Çatak: Atlıhan, 1200m. 17 05 2003, A.Koçak & M.Kemal leg. *Rocky stony mountain slope covered by degraded mixed forest (Quercus, Celtis, Prunus, Crataegus) with degraded malacophyllous plants and grasses.* -  $1\hat{\circ}$  **65**: Çatak: Dalbastı 3km S, 1300m. 17 05 2003, M.Kemal & A. Koçak leg. *Hilly place covered by mixed forest (Quercus, Crataegus, Prunus, Acer, Celtis), with malacophyllous plants and grasses.*

**Gegenes pumilio**  $1\hat{\circ}$  **48**: Bodrum: Akyarlar, 0050m, 15 06 2005, M.Kemal & A.Koçak leg.

**Hesperia comma**  $1\hat{\circ}$  **58**: Gürün: Ziyaret Geçidi, 2000m, 02 08 2004, M.Kemal & A.Koçak leg. *Tragacanthic mountain steppe.* -  $1\hat{\circ}$  **58**: Gürün: Ziyaret Geçidi, 2000m, 02 08 2004, M.Kemal & A.Koçak leg. *Calcareous hilltops with Sedum album, S.semperfivooides, Astragalus, Acantholimon, Thymus subalpine mountain steppe.* -  $3\hat{\circ} 1\varnothing$  **65**: Gürpınar: Gölardı, 2350m. 10 08 2001, M.Kemal & A.Koçak leg. *Species inhabits on Juncus, Carex, Mentha, Cirsium community.* -  $3\hat{\circ} 1\varnothing$  **65**: Gürpınar: Derindere, 2020m, 13 08 2006, M.Kemal & A.Koçak leg. - (video) **65**: Gürpınar: Yalınca Kaplıca, 2215m, 13 08 2006, M.Kemal obs.

**Muschampia nomas**  $5\hat{\circ}$  **06**: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. -  $1\hat{\circ}$  **65**: Çatak: Amata vadisi, Boravin, 1550m. 07 06 2003, M.Kemal & A.Koçak leg.

***Muschampia poggei* 1♂ 12:** Yolçatı: Kuruca geçidi E (Yolçatı) 1700m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland openings.* - 1♂ 13: Tatvan: Tatvan 57km E, 1920m. 25 06 2001, A.Koçak & M.Kemal leg.

***Muschampia proteides* 2♂ 06:** Sincan: Mülk, Ayaş Mts. E., 1150m 06 08 2000, A.Koçak & M.Kemal leg. - 2♂ 06: Yenimahalle: Memlik, Astragalo-Brometea stebi, 1200m 15 08 1998, A.Koçak & M.Kemal leg.

***Muschampia tessellum* 1♂ 06:** Ayaş: Ayaş Dağları, Mülk, 1060m, 30 05 2007, M.Kemal & A.Koçak leg. - 2♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 1♂ 06: Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg. - 1♀ 06: Sincan: Ayaş Dağları E., 1150m. 07 07 2001, A.Koçak & M.Kemal leg. - 1♀ 06: Yenimahalle: Memlik, Astragalo-Brometea stebi, 1300m 12 07 1998, S.Seven leg. - 1♂ 06: Yenimahalle: Memlik, Astragalo-Brometea stebi, 1200m 15 08 1998, A.Koçak & M.Kemal leg. - 1♂ 13: Bitlis: Bitlis 10km SW, 1400m. 12 06 2002, M.Kemal & A.Koçak leg. - 1♂ 46: Göksun: Tekir N., Kurucaova, 1350m, 06 06 2006, M.Kemal & A.Koçak leg. - 1♂ 58: Gürün: Höyüklüyurt, 1700m 27 06 2004, M.Kemal & A.Koçak leg.

***Neospialia orbifer* 3♂ 06:** Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg. - 3♂ 06: Yenimahalle: Memlik, Astragalo-Brometea stebi, 1300m 12 07 1998, S.Seven leg. - 1♂ 06: Yenimahalle: Memlik, 1200m 18 07 1998, A.Koçak & M.Kemal leg.

***Ochlodes venatus* 1♂ 13:** Bitlis: Bitlis 10km SW, 1400m. 12 06 2002, M.Kemal & A.Koçak leg. - 2♂ 13: Bitlis: Baykan 37km NW, 1350m, 04 06 2006, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Çatak 6km S., 1540m. 24 05 2001, M.Kemal & A.Koçak leg.

***Pyrgus armoricanus* 1♂ 06:** Sincan: Mülk, Ayaş Dağları E., 1000m. 03 06 2000, M.Kemal & S.Seven leg. - 1♂ 06: Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg. - 2♂ 06: Yenimahalle: Memlik, Kayalik, 1170m 23 07 1998, A.Koçak & M.Kemal leg. - 1♂ 06: Çubuk: Muhabbetçayı, 1420m. 16 05 1999, A.Koçak & M.Kemal leg. - 1♂ 65: Van: Zeve, Kampüs, 1700m. 25 05 2001, M.Kemal leg. - 2♂ 65: Çatak: Çatak 1km S., 1600m. 19 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Onağlı kavşağı, 2060m. 27 05 2001, M.Kemal & A.Koçak leg.

***Pyrgus carthami* 2♂ 65:** Gevaş: İnköy 4km E., 1860m. 02 06 2001, M.Kemal leg.

***Pyrgus cinarae* 3♂ 06:** Yenimahalle: Memlik, 1200m 18 07 1998, A.Koçak & M.Kemal leg. - 1♂ 06: Yenimahalle: Memlik, Astragalo-Brometea stebi, 1200m 23 07 1998, A.Koçak & M.Kemal leg.

***Pyrgus melotis* 2♂ 06:** Ayaş: Atderesi, 1100m. 15 05 1999, A.Koçak & M.Kemal leg. - 1♂ 06: Keçiören: Bağlum, 1300m 02 05 1999, A.Koçak & M.Kemal leg. - 1♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 11 05 2000, S.Seven & M.Kemal leg. - 11♀ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20-21 05 2000, M.Kemal & A.Koçak leg. - 2♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 09-10 06 2000, A.Koçak & M.Kemal leg. - 1♂ 06: Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg. - 1♂ 06: Yenimahalle: Karyağılı Dağı, Memlik, 1250m 24 04 1999, A.Koçak leg. - 2♂ 06: Yenimahalle: Karyağılı Dağı, Lezgi, 1100m 01 05 1999, A.Koçak & M.Kemal leg. - 8♂ 06: Yenimahalle: Lezgi, 1150-1200m 08 05 1999, A.Koçak & M.Kemal leg. - 2♂ 06: Yenimahalle: Karyağılı Dağı, Memlik, 1200m. 22 05 1999, A.Koçak & M.Kemal leg. - 4♂ 06: Çubuk: Muhabbetçayı, 1420m. 16 05 1999, A.Koçak & M.Kemal leg. - 2♂ 12: Bingöl: Kuruca göleti, 1720m, 02 06 2007, M.Kemal & A.Koçak leg. - 1♂ 13: Bitlis: Bitlis 10km SW, 1400m. 12 06 2002, M.Kemal & A.Koçak leg. - 7♂ 13: Tatvan: Nemrut Krateri, Büyükgöl, 2260m, 09 06 2007, H.Özkol, L.Kayci, M.Kemal, A.Koçak leg. - 2♂ 13: Tatvan: Nemrut Krateri, Ilikgöl, 2280m, 09 06 2007, H.Özkol, L.Kayci, M.Kemal, A.Koçak leg. - 1♂ 30: Şemdinli: Karaağaç, 1500m. 19 05 2003, M.Kemal leg. - 1♂ 30: Şemdinli: Haruna geçidi, 1900m. 19 05 2003, M.Kemal leg. *Its habitat tragacanthic mountain steppe has been greatly degraded and overgrazed.* - 1♀ 31: 0440m, 18 04 2007, M.Kemal & A.Koçak leg. *Margin of degraded macchie vegetation.* - 2♂ 31: 0440m, 21 04 2007, M.Kemal & A.Koçak leg. *Margin of degraded macchie vegetation.* - 1♀ 31: Akbes, 0440m, 18 04 2007, M.Kemal & A.Koçak leg. *Mediterranean degraded woodland margin and roadside.* - 3♂ 31: Antakya: Şenköy, 0850-1000m, 09 04 2005, M.Kemal leg. - 1♂ 31: Antakya: Harbiye 10km S, 0500m, 09 04 2005, M.Kemal leg. - 2♂ 31: Harbiye: Harbiye S, 0440m, 20 04 2007, M.Kemal & A.Koçak leg. *Margin of degraded macchie vegetation.* - 1♂ 31: Yayladağı: Yayladağı, 0450m, 09 04 2005, M.Kemal leg. - 1♂ 31: Şenköy, Yukarı Uçlar, 0470m, 20 04 2007, M.Kemal & A.Koçak leg. *Margin of degraded macchie vegetation.* - 2♂ 38: Melikgazi: Erciyes, Hisarcık, 1820m, 31 05 2007,

M.Kemal & A.Koçak leg. - 1♂ **46**: Göksun: Tekir N., Kurucaova, 1350m, 06 06 2006, M.Kemal & A.Koçak leg. - 1♂ **65**: Van: North of Kampüs, Tevekli, 1800m, 28 04 2001, M.Kemal & A.Koçak leg. *It feeds on the nectar of Lagotis stolonifera*. - 1♂ **65**: Çatak: Aşağı Narlıca, 2150m, 19 05 2001, M.Kemal & A.Koçak leg. - 2♂ **65**: Çatak: Çatak 1km S., 1600m, 19 05 2001, M.Kemal & A.Koçak leg. - 1♂ **65**: Çatak: Amata vadisi, 1600m, 15 06 2002, M.Kemal & A.Koçak leg. - 2♂ **65**: Çatak: Amata vadisi, Boravin, 1550m, 07 06 2003, M.Kemal & A.Koçak leg.

**Pyrgus serratulae** 2♂ **06**: Sincan: Mülk, Ayaş Dağları E., 1000m, 20-21 05 2000, M.Kemal & A.Koçak leg. - 1♂ **06**: Sincan: Mülk, Ayaş Dağları E., 1000m, 20 05 2000, M.Kemal & A.Koçak leg. - 2♂ **06**: Sincan: Mülk, Ayaş Dağları E., 1000m, 22 05 2000, M.Kemal & A.Koçak leg. - 1♂ **06**: Sincan: Mülk, Ayaş Dağları E., 1150m, 16 6 2000, A.Koçak & M.Kemal leg. - 3♂ **06**: Yenimahalle: Karyağdı Dağı, Memlik, 1200m, 22 05 1999, A.Koçak & M.Kemal leg. - 1♂ **40**: Kaman: Kırşehir-Kaman kavşağı, 1190m, 07 06 2006, M.Kemal & A.Koçak leg. - 1♂ **65**: Gevaş: Göründü N., 1680m, 28 05 2009, A.Koçak & M.Kemal leg. - 1♂ **65**: Gevaş: Altınsaç N., 1840m, 06 06 2009, A.Koçak & M.Kemal leg.

**Pyrgus sidae** 2♂ **06**: Ayaş: Ayaş Dağları, Mülk, 1060m, 30 05 2007, M.Kemal & A.Koçak leg. - **06**: Ayaş: Atderesi, 1100m, 15 05 1999, A.Koçak & M.Kemal obs. & VC rec. - 1♂ **06**: Kızılıcahamam: Soğuksu, 1000-1300m 29 05 1999, M.Kemal & B.Koçak leg. - 1♂ **06**: Sincan: Mülk, Ayaş Dağları E., 1000m, 22 05 2000, M.Kemal & A.Koçak leg. - 7♂ **06**: Sincan: Mülk, Ayaş Dağları E., 1000m, 09-10 06 2000, A.Koçak & M.Kemal leg. - 1♂ **12**: Yolçatı: Kuruca geçidi E (Yolçatı) 1700m, 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland openings*. - 1♂ 1♀ **13**: Tatvan: Tatvan 30km E, 1800m, 25 06 2001, A.Koçak & M.Kemal leg. - 2♂ **13**: Tatvan: Reşadiye 5km W, 1750m, 11 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland margins*. - 2♂ **65**: Gevaş: İnköy 4km E., 1860m, 02 06 2001, M.Kemal leg. - 1♂ **65**: Gevaş: Altınsaç N., 1840m, 06 06 2009, A.Koçak & M.Kemal leg. - 1♂ **65**: Çatak: Gölgepınar, 1500m, 15 06 2002, M.Kemal & A.Koçak leg.

**Spialia (Neospialia) orbifer** 1♂ **06**: Ayaş: Akyatak, 1200m, 15 05 1999, A.Koçak & M.Kemal leg. - 2♂ **06**: Ayaş: Atderesi, 1100m, 15 05 1999, A.Koçak & M.Kemal leg. - 7♂ **06**: Kızılıcahamam: Soğuksu, 1000-1300m 29 05 1999, M.Kemal & B.Koçak leg. - 4♂ **06**: Sincan: Mülk, Ayaş Dağları E., 1000m, 20 05 2000, M.Kemal & A.Koçak leg. - 7♂ 1♀ **06**: Sincan: Mülk, Ayaş Dağları E., 1000m, 20-21 05 2000, M.Kemal & A.Koçak leg. - 1♂ **06**: Yenimahalle: Memlik, Astragalo-Brometea stebi, 1200m 15 08 1998, A.Koçak & M.Kemal leg. - 1♂ **06**: Yenimahalle: Lezgi, 1150-1200m 08 05 1999, A.Koçak & M.Kemal leg. - 2♂ **06**: Yenimahalle: Karyağdı Dağı, Lezgi, 1200m, 19 05 1999, A.Koçak & M.Kemal leg. - 10♂ 1♀ **06**: Yenimahalle: Karyağdı Dağı, Memlik, 1200m, 22 05 1999, A.Koçak & M.Kemal leg. - 1♂ **13**: Tatvan: Tatvan 45km E, 1870m, 25 06 2001, A.Koçak & M.Kemal leg. - 3♂ **13**: Tatvan: Tatvan 57km E, 1920m, 25 06 2001, A.Koçak & M.Kemal leg. - 2♂ **13**: Tatvan: Reşadiye 5km W, 1750m, 11 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland margins*. - 1♂ **31**: Şenköy, Yukarı Uçlar, 0470m, 20 04 2007, M.Kemal & A.Koçak leg. *Margin of degraded macchie vegetation*. - 1♂ **38**: Pınarbaşı: Pınarbaşı 2km W, 1580m, 26 06 2001, A.Koçak & M.Kemal leg. - 1♂ **38**: Pınarbaşı: Pınarbaşı 5km W, 1580m, 16 06 2006, M.Kemal & A.Koçak leg. - 1♂ **40**: Kaman: Kırşehir-Kaman kavşağı, 1190m, 07 06 2006, M.Kemal & A.Koçak leg. - 1♂ **44**: Darende: Darende W, 1100m, 17 06 2006, M.Kemal & A.Koçak leg. - 4♂ **44**: Darende: Darende W, 1100m, 17 06 2006, M.Kemal & A.Koçak leg. - 1♂ **46**: Göksun: Tekir N., Kurucaova, 1350m, 06 06 2006, M.Kemal & A.Koçak leg. - 1♂ **46**: Göksun: B.Çamurlu- Yoğunoluk kavşağı, 1570m, 01 06 2007, M.Kemal & A.Koçak leg. - 2♂ **58**: Gürün: Höyüklüyurt, 1700m 27 06 2004, M.Kemal & A.Koçak leg. - 2♂ **65**: Gevaş: Kızılıtaş 3km S., 1980m, 24 05 2001, M.Kemal & A.Koçak leg. - 1♂ **65**: Gevaş: İnköy 4km E., 1860m, 02 06 2001, M.Kemal leg. - 1♂ **65**: Gevaş: Yoldöndü, Kuzgunkırın E, 2230m, 25 06 2001, A.Koçak & M.Kemal leg. - 3♂ **65**: Gevaş: Göründü N., 1680m, 28 05 2009, A.Koçak & M.Kemal leg. - 1♂ **65**: Gevaş: Altınsaç N., 1840m, 06 06 2009, A.Koçak & M.Kemal leg. - 1♂ **65**: Gürpınar: Derindere, 2020m, 13 08 2006, M.Kemal & A.Koçak leg. - 1♂ **65**: Van: Kurubaş geçidi, 2100m, 18 07 2001, M.Kemal & A.Koçak leg. *Butterflies inhabit in the openings of Quercus-Paliurus woodlands*. *Species inhabits in tragacanthic mountain steppe*. - 3♂ **65**: Van: Kurubaş geçidi N, 2100m, 10 06 2003, M.Kemal & A.Koçak leg. - 2♂ **65**: Çatak: Gevaş/Çatak sınırı, 2000m, 24 05 2001, M.Kemal & A.Koçak leg. - 1♂ **65**: Çatak: Narlı: Övecek, 1400m, 26 05 2001, M.Kemal & A.Koçak leg. - 1♂ **65**: Çatak: Şehzade Pınarı, 1400m, 15 06 2002, M.Kemal & A.Koçak leg. - 1♂ **65**: Çatak: Atlıhan, 1200m, 19 06 2002, M.Kemal & A.Koçak leg. - 1♂ **65**: Çatak: Büyükağaç, 1400m, 19 06 2002, M.Kemal & A.Koçak leg. *Species inhabit in the openings of Quercus-Paliurus woodlands*.

**Spialia phlomidis** 1♂ **06**: Sincan: Mülk, Ayaş Mts. E., 1150m 06 08 2000, A.Koçak & M.Kemal leg. - 2♂ **38**: Pınarbaşı: Pınarbaşı 5km W, 1580m, 16 06 2006, M.Kemal & A.Koçak leg. - 1♂ **58**: Gürün: Mazıkırın

Geçidi 3km SE, 1650m, 17 07 2004, M.Kemal & A.Koçak leg. *Astragalus-Globularia steppe with sporadic Daphne, Crataegus, Rosa, Celtis scrubs.* - 1♂ **58:** Gürün: Gürün 10km NW [3km SE Mazıkiran geçidi], 1650m, 17 07 2004, M.Kemal & A.Koçak leg. *Astragalus spp. Globularia Steppe, with sporadic Daphne, Crataegus, Rosa bushes.* - 1♂ **65:** Gevaş: Malumkışiler geçidi, 2700m. 02 08 2002, A.Koçak, H.Özkol & L.Kayci leg. *Species inhabit in tragacanthic mountain steppe.* - 1♂ **65:** Gevaş: Malumkışiler geçidi, 2350m. 02 08 2002, A.Koçak, H.Özkol & L.Kayci leg. *Species inhabit in tragacanthic mountain steppe.*

**Thymelicus acteon** 2♂ **33:** Tarsus: Tarsus 40km N, 0600m, 12 06 2005, A.Koçak & M.Kemal leg. - 1♀ **48:** Bodrum: Akyarlar, 0005m, 14 06 2005, M.Kemal leg. - 1♂ **48:** Bodrum: Yahşı civarı, 0100m, 15 06 2005, M.Kemal & A.Koçak leg. - 2♀ **48:** Bodrum: Farilya Atçiftliği, 0100m, 17 06 2005, M.Kemal leg.

**Thymelicus hyrax** 2♂ 1♀ **48:** Bodrum: Farilya Atçiftliği, 0100m, 17 06 2005, M.Kemal leg.

**Thymelicus lineolus** 2♂ **06:** Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg. - 2♂ **06:** Yenimahalle: Memlik, Astragalo-Brometea stebi, 1300m 12 07 1998, S.Seven leg. - 1♂ **13:** Tatvan: Kuzgunkırın geçidi, 2170m, 16 07 2004, M.Kemal & A.Koçak leg. - 1♂ **13:** Tatvan: Kuzgunkırın geçidi, 2170m, 16 07 2004, M.Kemal & A.Koçak leg. *Tragacanthic degraded mountain steppe.* - 1♂ **13:** Tatvan: Reşadiye W, 1670m, 27 06 2006, M.Kemal & A.Koçak leg. - 1♂ **38:** Pınarbaşı: Pınarbaşı 2km W, 1580m. 26 06 2001, A.Koçak & M.Kemal leg. - 2♂ **38:** Pınarbaşı: Pınarbaşı 5km W, 1580m, 16 06 2006, M.Kemal & A.Koçak leg. - 2♂ **40:** Kaman: Kirşehir-Kaman kavşağı, 1190m, 07 06 2006, M.Kemal & A.Koçak leg. - 2♂ **44:** Darende: Darende W, 1100m, 17 06 2006, M.Kemal & A.Koçak leg. - 2♂ **44:** Darende: Darende W, 1100m, 17 06 2006, M.Kemal & A.Koçak leg. - 1♀ **44:** Malatya: Kürecik, Karahan geçidi, 1900m. 09 07 2001, A.Koçak & M.Kemal leg. - 1♂ **46:** Elbistan: Elbistan E, 1200m, 01 06 2007, M.Kemal & A.Koçak leg. - 1♂ **46:** Göksun: Tekir N., Kurucaova, 1350m, 06 06 2006, M.Kemal & A.Koçak leg. - 1♂ **50:** Ürgüp: Avanos, Zelve 2km 1000m 07 06 2006, M.Kemal & A.Koçak leg. - 1♂ **58:** Gürün: Ziyaret Geçidi, 2000m, 17 07 2004, M.Kemal & A.Koçak leg. *Calcareous slopes with sporadic vegetation.* - 1♂ **58:** Gürün: Ziyaret Geçidi, 2000m, 17 07 2004, M.Kemal & A.Koçak leg. *Calcareous hilltops with Sedum album, S.sempervivoides, Astragalus, Acantholimon, Thymus subalpine mountain steppe.* - 1♂ **65:** Çatak: Gölgepınar, 1500m. 13 06 2002, M.Kemal & A.Koçak leg. - 4♂ **65:** Çatak: Büyükağaç, 1400m. 19 06 2002, M.Kemal & A.Koçak leg. *Species inhabit in the openings of Quercus-Paliurus woodlands.*

**Thymelicus novus** 2♂ **12:** Yolçatı: Kuruca geçidi E (Yolçatı) 1700m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland openings.* - 3♂ **13:** Bitlis: Bitlis 10km SW, 1400m. 12 06 2002, M.Kemal & A.Koçak leg. - 1♂ **13:** Bitlis: Baykan 37km NW, 1350m, 04 06 2006, M.Kemal & A.Koçak leg. - 1♂ **13:** Tatvan: Tatvan 30km E, 1800m. 25 06 2001, A.Koçak & M.Kemal leg. - 1♂ **13:** Tatvan: Tatvan 45km E, 1870m. 25 06 2001, A.Koçak & M.Kemal leg. - 3♂ **13:** Tatvan: Tatvan 57km E, 1920m. 25 06 2001, A.Koçak & M.Kemal leg. - 3♂ **65:** Van: Kurubaş geçidi, 2100m. 18 07 2001, M.Kemal & A.Koçak leg. *Butterflies inhabits in tragacanthic mountain steppe.* - 1♂ **65:** Çatak: Narlı: Övecek, 1400m. 26 05 2001, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Amata vadisi, 1550m. 09 06 2001, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Şehzade Pınarı, 1350m. 13 07 2001, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Gölgepınar, 1500m. 13 06 2002, M.Kemal & A.Koçak leg.

**Thymelicus sylvestris** **06:** Ayaş: Ayaş Dağları, Mülk, 1060m, 30 05 2007, M.Kemal obs. - 8♂ **06:** Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 12♂♀ **06:** Sincan: Mülk, Ayaş Dağları E., 1150m. 16 6 2000, A.Koçak & M.Kemal leg. - 4♂ 1♀ **06:** Yenimahalle: Memlik, Astragalo-Brometea stebi, 1300m 12 07 1998, S.Seven leg. - 2♀ **06:** Yenimahalle: Memlik, 1300m 18 07 1998, A.Koçak & M.Kemal leg. - 2♂ **06:** Yenimahalle: Memlik, 1200m 18 07 1998, A.Koçak & M.Kemal leg. - 1♂ **06:** Yenimahalle: Memlik, Astragalo-Brometea stebi, 1200m 23 07 1998, A.Koçak & M.Kemal leg. - 4♂ **12:** Yolçatı: Kuruca geçidi E (Yolçatı) 1700m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland openings.* - 3♂ **13:** Bitlis: Bitlis 10km SW, 1400m. 12 06 2002, M.Kemal & A.Koçak leg. - 1♂ 1♀ **13:** Tatvan: Tatvan 30km E, 1800m. 25 06 2001, A.Koçak & M.Kemal leg. - 2♂ **13:** Tatvan: Tatvan 57km E, 1920m. 25 06 2001, A.Koçak & M.Kemal leg. - 1♀ **48:** Bodrum: Farilya Atçiftliği, 0100m, 17 06 2005, M.Kemal leg. - 5♂ **49:** Solhan: Buğlan geçidi E, 1650m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus-Vicia community.* - 4♂ **58:** Gürün: Mazıkiran Geçidi, 1700m. 26 06 2001, A.Koçak & M.Kemal leg. - 1♂ **58:** Gürün: Höyüklüyurt, 1700m 27 06 2004, M.Kemal & A.Koçak leg. - 1♂ 1♀ **65:** Van: Zeve, Kampüs, 1700m. 22 06 2001, M.Kemal leg. - 6♂♀ **65:** Çatak: Amata vadisi, 1550m. 09 06 2001, M.Kemal & A.Koçak leg. - 5♂♀ **65:** Çatak: Amata vadisi, 1750m. 10 06 2001, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Amata vadisi, 1600m. 15 06 2002, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Gölgepınar, 1500m. 15 06 2002, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Şehzade Pınarı, 1400m. 15 06 2002, M.Kemal &

A.Koçak leg. - 4♂ **65**: Çatak: Büyükağaç, 1400m. 19 06 2002, M.Kemal & A.Koçak leg. *Species inhabit in the openings of Quercus-Paliurus woodlands.*

## Moths

### Adelidae

**Nemophora sp.1** - 1♂ **13**: Tatvan: Tatvan 30km E, 1800m. 25 06 2001, A.Koçak & M.Kemal leg.

**Nemophora sp.2** - 7♂♀ **65**: Gevaş: Kuzgunkırın geçidi, 2250m 26 06 2004, M.Kemal & A.Koçak leg.

**Nemophora sp.3** - 1♂ **65**: Çatak: Amata vadisi, 1550m. 07 06 2003, M.Kemal & A.Koçak leg.

**Nemophora eretna** 1♀ (Holotype) **65**: Çatak: Amata vadisi, 1550m. 1 07 2006, M.Kemal leg.

### Arctiidae

**Arctia festiva** 1♂ **56**: Baykan: Üççeşme, 0750m, 07 04 2005, M.Kemal leg. - 2♂ 3♀ (ex larvae) **65**: Van: Kurubaş geçidi, 2200m. 21 05 2001, M.Kemal & A.Koçak leg. *captured flying by day.*

**Arctia marchandi** 1♂ **13**: Bitlis: Baykan 37km NW, 1350m, 04 06 2006, M.Kemal & A.Koçak leg.

**Arctia villica** **06**: Sincan: Mülk, Ayaş Dağları E., 1000m. 20-21 05 2000, M.Kemal & A.Koçak obs. - **06**: Sincan: Mülk, Ayaş Dağları E., 1000m. 20 05 2000, M.Kemal & A.Koçak leg. - 2♂ **06**: Sincan: Mülk, Ayaş Dağları E., 1000m 22 05 2000, A.Koçak, M.Kemal & E.Demir leg. - 1♂ **06**: Sincan: Mülk, Ayaş Dağları E., 1000m. 03 06 2000, M.Kemal & S.Seven leg. - 1♂ **65**: Çatak: Narlı Konalga, 1800m. 26 05 2001, M.Kemal & A.Koçak leg.

**Lacydes spectabilis** grown larvae **13**: Tatvan: Nemrut Krateri, Büyükgöl, 2260m, 09 06 2007, M.Kemal leg.

**Phragmatobia fuliginosa** 1♂ **47**: Nusaybin: Beyazsu, 0600m, 17 04 2007, M.Kemal & A.Koçak leg.

**Phragmatobia placida** 1♂ (defected) **65**: Çatak: Çatak 6km S., 1540m. 25 05 2001, M.Kemal & A.Koçak leg. - 1♂ **65**: Çatak: Narlı Konalga, 1800m. 26 05 2001, M.Kemal & A.Koçak leg.

**Spilosoma urticae** 1♂ **65**: Çatak: Narlı Konalga, 1800m. 26 05 2001, M.Kemal & A.Koçak leg.

**Spiris striata** 1♂ **06**: Çubuk: Aydos Dağı, 10 07 1999, Selma & Ergin Çalışkan leg.

**Tyria jacobaeae** 9♂♀ **06**: Ayaş: Atderesi, 1100m. 15 05 1999, A.Koçak & M.Kemal leg. - 1♀ **06**: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 2♂ **13**: Tatvan: Nemrut Krateri, Büyükgöl, 2260m, 09 06 2007, H.Özkol, L.Kayci, M.Kemal, A.Koçak leg.

### Brahmaeidae

**Brahmaea ledereri** 1 (broken forewing only) **65**: Çatak: Çatak 6km S., 1540m. 24 05 2001, M.Kemal & A.Koçak.

### Cimeliidae

**Axia theresiae defreiniae** 6♂ **65**: Çatak: Narlı Konalga, 1800m. 26 05 2001, M.Kemal & A.Koçak leg.

### Coleophoridae

**Coleophora sp.1** 1♂ **06**: Sincan: Mülk, Ayaş Dağları E., 1000m. 20-21 05 2000, M.Kemal & A.Koçak leg.

**Coleophora sp.2** 1♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20 05 2000, M.Kemal & A.Koçak leg.

**Coleophora sp.3** 1 "sack" 65: Çatak: Dalbastı 3km S, 1300m. 17 05 2003, M.Kemal & A. Koçak leg. *Hilly place covered by mixed forest (Quercus, Crataegus, Prunus, Acer, Celtis), with malacophyllous plants and grasses. "Sack" on Centaurea behen.*

### Cossidae

**Zeuzera pyrina** 1♂ 06: Yenimahalle: Lezgi, 1200m 12 07 1998, S.Seven leg.

### Ctenuchidae

**Amata hakkariana** 1♂ 65: Çatak: Amata vadisi, 1600m. 15 06 2002, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Dalbastı meşeliği, 1600m. 02 06 2003, M.Kemal & A.Koçak leg. - 65: Çatak: Amata vadisi, 1600m. 07 06 2003, M.Kemal & A.Koçak obs.

**Amata rossica** 1♀ 06: Ayaş: Ayaş Dağları, Mülk, 1060m, 30 05 2007, M.Kemal & A.Koçak leg. - 1♂ 06: Ayaş: Atderesi, 1100m. 15 05 1999, A.Koçak & M.Kemal leg. - 2♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20-21 05 2000, M.Kemal & A.Koçak leg. - 2♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20 05 2000, M.Kemal & A.Koçak leg. - 1♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 22 05 2000, M.Kemal, A.Koçak & E.Demir leg. - 6♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 03 06 2000, M.Kemal & S.Seven leg. - 3♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 5♂ 1♀ 06: Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.Koçak & M.Kemal leg.

**Amata transcaspica** 1♂ 1♀ 12: Bingöl: Yado çeşmesi, 1350m, 26 05 2007, M.Kemal & A.Koçak leg. - 1♂ 44: Darende: Darende 40km SE, 1800m, 27 05 2007, M.Kemal leg. - 1♂ 46: Elbistan: Elbistan E, 1200m, 01 06 2007, M.Kemal & A.Koçak leg. - 1♂ 1♀ 58: Gürün: Höyüklüyurt, 1700m 27 06 2004, M.Kemal & A.Koçak leg. - 1♂ 1♀ 58: Gürün: Mazıkiran geçidi, 1800m, 27 05 2007, M.Kemal leg.

**Dysauxes famula** 1♂ 1♀ (in copula) 65: Çatak: Büyükağaç, 1400m. 19 06 2002, M.Kemal & A.Koçak leg. *Species inhabit in the openings of Quercus-Paliurus woodlands.* - 1♀ 65: Çatak: Gölgepınar, 1400m. 19 06 2002, M.Kemal & A.Koçak leg.

### Douglasiidae

**Tinagma anchusellum** 17♂♀ 65: Van: Kampus, 1700m, 23 05 2007, M.Kemal leg. *Moths fly around Anchusa azurea in the evening, and females lay their eggs inside the calyx.*

### Drepanidae

**Cilix asiatica** 8♂♀ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 22 05 2000, A.Koçak, M.Kemal & E.Demir leg. - 4♂ 65: Çatak: Çatak 3km NNE, 1500m. 23 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Narlı Konalga, 1800m. 26 05 2001, M.Kemal & A.Koçak leg.

**Drepana binaria** 1♂ 06: Kızılcahamam: Soğuksu, 1000-1300m 29 05 1999, M.Kemal & B.Koçak leg.

**Watsonalla binaria** 2♂ 65: Çatak: Çatak 3km NNE, 1500m. 23 05 2001, M.Kemal & A.Koçak leg. - 3♂ 2♀ 65: Çatak: Narlı Konalga, 1800m. 26 05 2001, M.Kemal & A.Koçak leg.

### Ethmiidae

**Ethmia aurifluella** 1♀ 65: Çatak: Amata vadisi, Boravin, 1550m. 07 06 2003, M.Kemal & A.Koçak leg.

**Ethmia bipunctella** 1♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 22 05 2000, A.Koçak, M.Kemal & E.Demir leg.

***Ethmia chrysopyga* 65:** Gevaş: Altinsaç N, 1840m, 06 06 2009, A.Koçak & M.Kemal obs.

***Ethmia* sp. 1♂ 13:** Tatvan: Nemrut Krateri, Büyükgöl, 2260m, 09 06 2007, H.Özkol, L.Kayci, M.Kemal, A.Koçak leg.

### Geometridae

***Antonechloris smaragdaria* 1♂ 65:** Çatak: Kayabogaz S., Köprüaltı, 2100m. 28 07 2002, M.Kemal & A.Koçak leg.

***Aplasta ononaria* 1♂ 13:** Bitlis: Bitlis 10km SW, 1400m. 12 06 2002, M.Kemal & A.Koçak leg. - 1♂ 1♀ 65: Çatak: Gölgepinar, 1400m. 19 06 2002, M.Kemal & A.Koçak leg. - 1♀ 71: Kirikkale: Karakeçili 12km E, 1000m, 18 07 2004, M.Kemal & A.Koçak leg. *Grass steppe with dominant species Scabiosa argentea.*

***Aplocera annexata* 2♂ 46:** Göksun: Keklikoluk, 1700m, 06 06 2006, M.Kemal & A.Koçak leg. *Mountain steppe.* - 2♂ 65: Van: Kurubaş geçidi N, 2100m. 10 06 2003, M.Kemal & A.Koçak leg.

***Aplocera obsitaria* 3♂ 65:** Gürpinar: Gölet, 2050m. 09 06 2002, A.Koçak, H.Özkol & L.Kayci leg. - 1♂ 65: Gürpinar: Çatakdbi, Cunkderesi, 2345m. 06 06 2007, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Çatak 3km NNE, 1500m. 09 06 2001, A.Koçak & M.Kemal leg.

***Aplocera plagiata* 1♀ 06:** Sincan: Mülk, Ayaş Dağları E., 1000m. 20-21 05 2000, M.Kemal & A.Koçak leg. - 1♂ 13: Bitlis: Bitlis 10km SW, 1400m. 12 06 2002, M.Kemal & A.Koçak leg. - 1♀ 65: Çatak: Çatak 3km NNE, 1500m. 23 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Kayabogaz, Gültekçe, 2300m. 13 06 2001, M.Kemal & A.Koçak leg. *Species inhabits on Prangos, Ferula, Astragalus, Coronilla community.*

***Aplocera* sp. 1♂ 44:** Darende: Darende W, 1100m, 17 06 2006, M.Kemal & A.Koçak leg.

***Aplocera* sp. 3♂ 65:** Gevaş: KızıltAŞ 3km S., 1980m. 24 05 2001, M.Kemal & A.Koçak leg.

***Aspitates ochrearia* 2♀ 06:** Sincan: Mülk, Ayaş Dağları E., 1000m 22 05 2000, A.Koçak, M.Kemal & E.Demir leg.

***Bapta* sp. 2♀ 06:** Sincan: Mülk, Ayaş Dağları E., 1000m 22 05 2000, A.Koçak, M.Kemal & E.Demir leg.

***Camptogramma bilineatum* 1♂ 12:** Yolçati: Kuruca geçidi E (Yolçati) 1700m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland openings.* - 4♂ 13: Bitlis: Bitlis 10km SW, 1400m. 12 06 2002, M.Kemal & A.Koçak leg. - 1♂ 13: Tatvan: Reşadiye W, 1670m, 27 06 2006, M.Kemal & A.Koçak leg. - 1♂ 23: Baskil: Topalkem 4km, 0770m, 02 06 2007, M.Kemal & A.Koçak leg. - 44: Malatya: Karahan geçidi E, 1450m. 09 07 2001, A.Koçak & M.Kemal obs. - 2♂ 65: Çatak: Amata vadisi, 1550m. 09 06 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Amata vadisi, 1600m. 15 06 2002, M.Kemal & A.Koçak leg. - 2♂ 65: Çatak: Amata vadisi, 1600m. 19 06 2002, M.Kemal & A.Koçak leg.

***Cataclysme riguata* 1♂ 2♀ 06:** Sincan: Mülk, Ayaş Dağları E., 1000m 22 05 2000, A.Koçak, M.Kemal & E.Demir leg. - 1♀ 06: Yenimahalle: Lezgi, 1150-1200m 08 05 1999, A.Koçak & M.Kemal leg.

***Catarhoe rubidata fumata* 1♂ 12:** Bingöl: Yado çeşmesi, 1350m, 26 05 2007, M.Kemal & A.Koçak leg.

***Chesias sureyata* 1♀ 06:** Sincan: Mülk, Ayaş Dağları E., 1000m 22 05 2000, A.Koçak, M.Kemal & E.Demir leg.

***Cidaria fulvata* 1♀ 06:** Çubuk: Aydos Dağı, 10 07 1999, Selma & Ergin Çalışkan leg.

***Comibaena nerriaria* 1♂ 12:** Yolçati: Kuruca geçidi E (Yolçati) 1700m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland openings.* - 1♀ 13: Tatvan: Reşadiye W, 1670m, 27 06 2006, M.Kemal & A.Koçak leg.

***Cyclophora linearia* 3♀ 06:** Sincan: Mülk, Ayaş Dağları E., 1000m 22 05 2000, A.Koçak, M.Kemal & E.Demir leg.

***Eilicrinia cordiaria* 1♀ 06:** Sincan: Mülk, Ayaş Dağları E., 1000m 22 05 2000, A.Koçak,M.Kemal & E.Demir leg. - 1♀ 65: Çatak: Çatak 3km NNE, 1500m. 23 05 2001, M.Kemal & A.Koçak leg.

***Ematurga atomaria* 1♂ 06:** Çubuk: Muhabbetçayı, 1420m. 16 05 1999, A.Koçak & M.Kemal leg. - 1♀ 13: Tatvan: Nemrut Krateri, İlkgöl üstü, 2300m, 09 06 2007, H.Özkol, L.Kayci, M.Kemal, A.Koçak leg. - 1♂ 49: Muş: Buğlan geçidi, 1550m, 26 05 2007, M.Kemal & A.Koçak leg.

***Enanthyperythra leg.ataria* 6♂ 06:** Sincan: Mülk, Ayaş Dağları E., 1000m 22 05 2000, A.Koçak,M.Kemal & E.Demir leg. - 1♂ 06: Yenimahalle: Lezgi, 1150-1200m 08 05 1999, A.Koçak & M.Kemal leg.

***Eupithecia centaureata* 2♀ 06:** Sincan: Mülk, Ayaş Dağları E., 1000m 22 05 2000, A.Koçak,M.Kemal & E.Demir leg.

***Eupithecia extremata* 2♀ 06:** Sincan: Mülk, Ayaş Dağları E., 1000m 22 05 2000, A.Koçak,M.Kemal & E.Demir leg.

***Eupithecia graticosata* 1♂ 65:** Çatak: Çatak 3km NNE, 1500m. 09 06 2001, A.Koçak & M.Kemal leg.

***Idaea aureolaria* 1♂ 06:** Ayaş: Akyata, 1200m. 15 05 1999, A.Koçak & M.Kemal leg. - 4♂ 06: Ayaş: Atderesi, 1100m. 15 05 1999, A.Koçak & M.Kemal leg. - 1♂ 46: Göksun: Keklikoluk, 1700m, 06 06 2006, M.Kemal & A.Koçak leg. *Mountain steppe*.

***Idaea filicata* ? 1♂ 06:** Sincan: Mülk, Ayaş Dağları E., 1000m 22 05 2000, A.Koçak,M.Kemal & E.Demir leg.

***Idaea intermedia* ? 1♂ 44:** Akçaağac X Develi Develi, 1500m 27 06 2004, M.Kemal & A.Koçak leg.

***Idaea moniliata* 3♂ 06:** Yenimahalle: Lezgi, 1200m 12 07 1998, S.Seven leg.

***Lithostege farinata* 5♂ 27:** Suruç: Suruç 10km N, 0700m, 07 04 2005, M.Kemal leg. - 2♂ 47: Nusaybin: Marine, 0600m, 02 04 2005, I.Akdeniz leg. *Inhabits on arable fields*.

***Lomographa trimaculata* 1♂ 06:** Sincan: Mülk, Ayaş Dağları E., 1000m 22 05 2000, A.Koçak,M.Kemal & E.Demir leg.

***Lythria purpuraria* 1♂ 40:** Kaman: Kırşehir-Kaman kavşağı, 1190m, 07 06 2006, M.Kemal & A.Koçak leg. - 1♀ 46: Göksun: Keklikoluk, 1700m, 06 06 2006, M.Kemal & A.Koçak leg. *Mountain steppe*.

***Lythria rotaria* 1♀ 06:** Sincan: Mülk, Ayaş Dağları E., 1000m. 20-21 05 2000, M.Kemal & A.Koçak leg. - 1♀ 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 20 05 2000, M.Kemal & A.Koçak leg. - 1♂ 06: Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.Koçak & M.Kemal leg.

***Lythria* sp. 4♂ 30:** Şemdinli: Karaağaç, 1500m. 19 05 2003, M.Kemal leg.

***Neognopharmia stevenaria* 3♂ 4♀ 06:** Sincan: Mülk, Ayaş Dağları E., 1000m 22 05 2000, A.Koçak,M.Kemal & E.Demir leg.

***Odezia atrata* 1♂ 12:** Yolçatı: Kuruca geçidi E (Yolçatı) 1700m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus woodland openings*. - 1♀ 46: Göksun: B.Çamurlu- Yoğunoluk kavşağı, 1570m, 01 06 2007, M.Kemal & A.Koçak leg.

***Opistographis luteolata* 3♂ 06:** Sincan: Mülk, Ayaş Dağları E., 1000m 22 05 2000, A.Koçak,M.Kemal & E.Demir leg.

***Orthonama obstipata* 1♂ 65:** Çatak: Dalbastı 3km S, 1300m, 30 04 2005, M.Kemal & A. Koçak leg.

***Orthostixis cribalaria* 1♂ 06:** Yenimahalle: Lezgi, 1200m 12 07 1998, S.Seven leg. - 5♂ 12: Yolçatı: Kuruca geçidi E (Yolçatı) 1700m. 30 06 2002, M.Kemal & A.Koçak leg. *Species inhabits in Quercus*

*woodland openings.* - 2♂ **13:** Bitlis: Bitlis 10km SW, 1400m. 12 06 2002, M.Kemal & A.Koçak leg. - 1♂ **49:** Muş: Buğlan geçidi, 1695m, 26 06 2004, M.Kemal & A.Koçak leg.

**Pareulype berberata** 1♂ **06:** Sincan: Mülk, Ayaş Dağları E., 1000m 22 05 2000, A.Koçak, M.Kemal & E.Demir leg.

**Pellonia vibicaria** 1♂ **13:** Tatvan: Reşadiye W, 1670m, 27 06 2006, M.Kemal & A.Koçak leg.

**Pseudopanthera macularia** 4♂♀ **06:** Kızılcahamam: Soğuksu, 1000-1300m 29 05 1999, M.Kemal & B.Koçak leg. - 1♂ **06:** Çubuk: Aydos Dağı: Deremhisar, 1650m. 16 05 1999, A.Koçak & M.Kemal leg. - 2♂ **06:** Çubuk: Muhabbetçayırlı, 1420m. 16 05 1999, A.Koçak & M.Kemal leg.

**Pseudopanthera syriacata** 1♂ **30:** Şemdinli: Karaağaç, 1500m. 19 05 2003, M.Kemal leg. - 1♂ **31:** Harbiye: Harbiye S, 0440m, 20 04 2007, M.Kemal & A.Koçak leg. *Margin of degraded macchie vegetation.* - 1♂ **31:** Şenköy, Yukarı Uçlar, 0470m, 20 04 2007, M.Kemal & A.Koçak leg. *Margin of degraded macchie vegetation.* - 1♂ **65:** Çatak: Çatak 10km S., 1510m. 25 05 2001, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Çatak 3km S., 1540m. 26 05 2001, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Dalbastı 3km S, 1300m. 17 05 2003, M.Kemal & A. Koçak leg. *Hilly place covered by mixed forest (Quercus, Crataegus, Prunus, Acer, Celtis), with malacophyllous plants and grasses.* - 2♂ **65:** Çatak: Amata vadisi, 1650m 02 06 2003, M.Kemal & A.Koçak leg.

**Pydna badiaria** 2♂ 2♀ **06:** Sincan: Mülk, Ayaş Dağları E., 1000m 22 05 2000, A.Koçak, M.Kemal & E.Demir leg. - 1♂ (in VC) **06:** Sincan: Mülk, Ayaş Dağları E., 1000m. 03 06 2000, M.Kemal & S.Seven leg. - 1♂ **06:** Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 6♂♀ **06:** Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.Koçak & M.Kemal leg. - 6♂♀ **65:** Gürpınar: Gölet, 2050m. 09 06 2002, A.Koçak, H.Özkol & L.Kayıcı leg. - 1♀ **65:** Gürpınar: Çatakdbi, Cunkderesi, 2345m. 06 06 2007, M.Kemal & A.Koçak leg. - 1♂ **65:** Van: Kurubaş geçidi N, 2100m. 10 06 2003, M.Kemal & A.Koçak leg. - 2♂ 6♀ **65:** Çatak: Narlı Konalga, 1800m. 26 05 2001, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Amata vadisi, 1550m. 09 06 2001, M.Kemal & A.Koçak leg. - 1♀ **65:** Çatak: Kayabogaç, Gültekcé, 2300m. 10 06 2001, M.Kemal & A.Koçak leg. *Species inhabits on Prangos, Ferula, Astragalus, Coronilla community.*

**Rhodometra sacraria** 1♂ **65:** Gürpınar: Derindere, 2020m, 13 08 2006, M.Kemal & A.Koçak leg. - 1♂ **65:** Gürpınar: Yukarı Eğimli, 2230m, 13 08 2006, M.Kemal & A.Koçak leg.

**Rhodostrophia auctata** 2♂ 2♀ **06:** Sincan: Mülk, Ayaş Dağları E., 1000m 22 05 2000, A.Koçak, M.Kemal & E.Demir leg. - 3♂♀ **06:** Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.Koçak & M.Kemal leg. - 1♂ **06:** Yenimahalle: Karyağdı Dağı, Lezgi, 1350m. 23 05 1999, A.Koçak & M.Kemal leg. - 1♂ **44:** Darende: Darende W, 1100m, 17 06 2006, M.Kemal & A.Koçak leg.

**Rhodostrophia calabra** 2♂ **06:** Sincan: Mülk, Ayaş Dağları E., 1000m. 03 06 2000, M.Kemal & S.Seven leg. - 1♂ **13:** Bitlis: Bitlis 10km SW, 1400m. 12 06 2002, M.Kemal & A.Koçak leg. - 1♂ **65:** Gevaş: Göründü-Altınsaç arası, 1730-1800m. 02 06 2001, M.Kemal leg.

**Rhodostrophia sieversi** 2♂ **46:** Göksun: Keklikoluk, 1700m, 06 06 2006, M.Kemal & A.Koçak leg. *Mountain steppe.* - 1♂ **65:** Gevaş: Kızıltaş 3km S., 1980m. 24 05 2001, M.Kemal & A.Koçak leg. - 4♂ **65:** Van: Kurubaş geçidi N, 2100m. 10 06 2003, M.Kemal & A.Koçak leg. - 9♂ 2♀ **65:** Çatak: Narlı Konalga, 1800m. 23 05 2001, M.Kemal & A.Koçak leg. - 1♂ **65:** Çatak: Aşağı Narlıca, 2150m. 27 05 2001, M.Kemal & A.Koçak leg.

**Rhodostrophia discopunctata** 1♂ 1♀ **58:** Gürün: Gürün, 1300m 27 06 2004, M.Kemal & A.Koçak leg.

**Scopula immistaria?** 1♂ **65:** Çatak: Amata vadisi, Boravin, 1550m. 07 06 2003, M.Kemal & A.Koçak leg.

**Scopula marginepunctata** 9♂♀ **06:** Sincan: Mülk, Ayaş Dağları E., 1000m 22 05 2000, A.Koçak, M.Kemal & E.Demir leg.

**Scopula ornata** 1♂ **06:** Sincan: Mülk, Ayaş Dağları E., 1000m 09-10 06 2000, A.Koçak & M.Kemal leg. - 2♂ **65:** Gürpınar: Yukarı Eğimli, 2230m, 13 08 2006, M.Kemal & A.Koçak leg. - 1♂ **65:** Gürpınar: Kırkgeçit S., 2230m, 13 08 2006, M.Kemal & A.Koçak leg. -

***Scopula rubiginata* ? 1 ex 65:** Van: Kurubaş, 1900m. 12 05 2001, M.Kemal & A.Koçak leg.

***Scotopteryx bipunctaria* 1♂ 06:** Yenimahalle: Memlik, 1200m 18 07 1998, A.Koçak & M.Kemal leg. - 1♂ 13: Tatvan: Nemrut Krateri, Büyükgöl, 2260m, 09 06 2007, L.Kayci leg.

***Scotopteryx chenopodiata* 1♀ 65:** Gürpınar: Yukarı Eğimli, 2230m, 13 08 2006, M.Kemal & A.Koçak leg.

***Scotopteryx coarctaria* 1♂ 06:** Sincan: Mülk, Ayaş Dağları E., 1000m. 22 05 2000, M.Kemal,A.Koçak & E.Demir leg. - 1♂ 06: Ayaş: Akyata, 1200m. 15 05 1999, A.Koçak & M.Kemal leg. - 5♂ 3♀ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 22 05 2000, A.Koçak,M.Kemal & E.Demir leg.

***Scotopteryx vicinaria* 1♂ 06:** Ayaş: Atderesi, 1100m. 15 05 1999, A.Koçak & M.Kemal leg. - 6♂ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 22 05 2000, A.Koçak,M.Kemal & E.Demir leg.

***Semiothisa clathrata* 1♂ 06:** Ayaş: Atderesi, 1100m. 15 05 1999, A.Koçak & M.Kemal leg. - 1♂ 1♀ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 22 05 2000, A.Koçak,M.Kemal & E.Demir leg. - 1♀ 06: Yenimahalle: Lezgi, 1150-1200m 08 05 1999, A.Koçak & M.Kemal leg. - 1♂ 06: Yenimahalle: Karyağdı Dağı, Lezgi, 1350m. 23 05 1999, A.Koçak & M.Kemal leg. - 2♂ 06: Çubuk: Aydos Dağı: Deremhisar, 1650m. 16 05 1999, A.Koçak & M.Kemal leg. - 2♂ 06: Çubuk: Muhabbetçayı, 1420m. 16 05 1999, A.Koçak & M.Kemal leg. - 1♂ 12: Bingöl: Kuruca göleti, 1720m, 02 06 2007, M.Kemal & A.Koçak leg. - 1♂ 30: Şemdinli: Karaağaç, 1500m. 19 05 2003, M.Kemal leg. - 1♂ 65: Çatak: Narlı Konalga, 1800m. 26 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Amata vadisi, 1600m. 19 06 2002, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Dalbastı 3km S, 1300m. 17 05 2003, M.Kemal & A. Koçak leg. *Hilly place covered by mixed forest (Quercus, Crataegus, Prunus, Acer, Celtis), with malacophyllous plants and grasses.*

***Semiothisa glarearia* 1♂ 06:** Ayaş: Atderesi, 1100m. 15 05 1999, A.Koçak & M.Kemal leg. - 1♀ 06: Sincan: Mülk, Ayaş Dağları E., 1000m 22 05 2000, A.Koçak,M.Kemal & E.Demir leg. - 1♂ 30: Şemdinli: Karaağaç, 1500m. 19 05 2003, M.Kemal leg. - 1♀ 65: Çatak: Çatak 1km S., 1600m. 19 05 2001, M.Kemal & A.Koçak leg. - 6♂ 65: Çatak: Narlı Konalga, 1800m. 26 05 2001, M.Kemal & A.Koçak leg. - 1♂ 65: Çatak: Amata vadisi, 1600m. 15 06 2002, M.Kemal & A.Koçak leg. - 1♀ 65: Çatak: Büyükağaç, 1400m. 19 06 2002, M.Kemal & A.Koçak leg. *Species inhabit in the openings of Quercus-Paliurus woodlands.* - 2♂ 65: Çatak: Amata vadisi, Boravin, 1550m. 07 06 2003, M.Kemal & A.Koçak leg.

***Synopsia sociaria* 2♂ 06:** Sincan: Mülk, Ayaş Dağları E., 1000m 22 05 2000, A.Koçak,M.Kemal & E.Demir leg.

***Tephritis hopfferaria* 1♂ 06:** Ayaş: Akyata, 1200m. 15 05 1999, A.Koçak & M.Kemal leg. - 1♂ 06: Yenimahalle: Karyağdı Dağı, Lezgi, 1200m. 19 05 1999, A.Koçak & M.Kemal leg. - 5♂ 06: Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.Koçak & M.Kemal leg. - 1♀ 06: Yenimahalle: Karyağdı Dağı, Lezgi, 1350m. 23 05 1999, A.Koçak & M.Kemal leg.

***Thaleria fimbrialis* 1♂ 13:** Tatvan: Güroymak 6km E, 1700m. 04 07 2002, M.Kemal & A.Koçak leg.

### **Lasiocampidae**

***Chondrostega osthelderi* 1 larva 65:** Gevaş: Kuzgunkırın geçidi, 2250m. 29 05 2003, A.Koçak leg. - 2 caterpillars 65: Van: Zeve, Kampüs, 1700m. 28 04 2001, M.Kemal & A.Koçak leg. *It feeds on the leaves of Salvia, Echium, Anchusa, etc.*

***Eriogaster* sp. 1♂ 30:** Şemdinli: Karaağaç, 1600m. 19 10 2001, M.Kemal & H.Özkol leg.

***Lasiocampa eversmanni*** a larva (in video film) 06: Sincan: Mülk, Ayaş Dağları E., 1000m. 03 06 2000, M.Kemal & S.Seven leg. - one larva 65: Çatak: Dalbastı 3km S, 1300m. 17 05 2003, M.Kemal & A. Koçak leg. *Hilly place covered by mixed forest (Quercus, Crataegus, Prunus, Acer, Celtis), with malacophyllous plants and grasses.*

**Malacosoma castrensis** 2 larvae **06**: Sincan: Mülk, Ayaş Dağları E., 1000m. 03 06 2000, M.Kemal & S.Seven leg. - 1 larva **65**: Gevaş: Kuzgunkırın geçidi, 2250m. 29 05 2003, A.Koçak leg. *Larva feeds on Ornithogalum sp.* - larvae **65**: Van: Kurubaş geçidi N, 2100m. 10 06 2003, M.Kemal & A.Koçak obs. *Caterpillars feed in groups on Euphorbia sp. (Photo).*

**Malacosoma neustrium** larvae **38**: Pınarbaşı: Pınarbaşı 5km W, 1580m, 16 06 2006, M.Kemal & A.Koçak leg. *larvae on Euphorbia macroclada.*

**Phyllodesma tremulifolia** 10♂ **65**: Çatak: Narlı Konalga, 1800m. 26 05 2001, M.Kemal & A.Koçak leg. - 1♀ **65**: Çatak: Gölgepınar, 1400m. 19 06 2002, M.Kemal & A.Koçak leg.

## Appendix

Provinces of Turkey (studied provinces are in bold)

<b>01</b> Adana	18 Çankırı	35 İzmir	52 Ordu	69 Bayburt
<b>02</b> Adiyaman	19 Çorum	36 Kars	53 Rize	70 Karaman
<b>03</b> Afyonkarahisar	20 Denizli	37 Kastamonu	54 Sakarya	<b>71</b> Kırıkkale
<b>04</b> Ağrı	21 Diyarbakır	<b>38</b> Kayseri	55 Samsun	72 Batman
<b>05</b> Amasya	22 Edirne	39 Kırklareli	56 Siirt	73 Şırnak
<b>06</b> Ankara	<b>23</b> Elazığ	<b>40</b> Kırşehir	57 Sinop	74 Bartın
<b>07</b> Antalya	24 Erzincan	41 Kocaeli	<b>58</b> Sivas	75 Ardahan
<b>08</b> Artvin	25 Erzurum	42 Konya	59 Tekirdağ	76 İğdır
<b>09</b> Aydın	26 Eskisehir	43 Kütahya	60 Tokat	77 Yalova
<b>10</b> Balıkesir	<b>27</b> Gaziantep	<b>44</b> Malatya	61 Trabzon	78 Karabük
<b>11</b> Bilecik	28 Giresun	45 Manisa	62 Tunceli	79 Kilis
<b>12</b> Bingöl	29 Gümüşhane	<b>46</b> Kahramanmaraş	63 Şanlıurfa	<b>80</b> Osmaniye
<b>13</b> Bitlis	<b>30</b> Hakkari	<b>47</b> Mardin	64 Uşak	81 Düzce
<b>14</b> Bolu	<b>31</b> Hatay	<b>48</b> Muğla	<b>65</b> Van	
<b>15</b> Burdur	32 Isparta	<b>49</b> Muş	66 Yozgat	
<b>16</b> Bursa	<b>33</b> İçel	<b>50</b> Nevşehir	67 Zonguldak	
<b>17</b> Çanakkale	34 İstanbul	51 Niğde	68 Aksaray	

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### Corrigendum:

In the previous *Cesa News* publication, nr.64 on page 1 (bottom), please read *Satyrium marcidum* Riley instead of "*Satyrium mardinum* Riley".

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